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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1924.

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INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

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17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station as a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of − .089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° −1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° −2.3°= −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The " Percentage of possible for each hour " will be determined by dividing the " Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as " 0 " the direction for that hour will also be " 0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month" from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, "Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading "Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "Character of the day" will be entered in the space provided for it.

164. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (√), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under " Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 and 219.

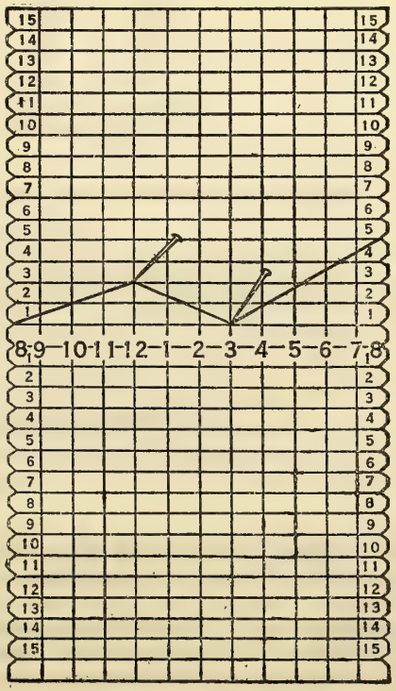
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in "local standard time" throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. Self-recording raingage not used during month.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun streets, rooms 911-912 Tri State Bldg. first observation taken in present office, 7 a. m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1925.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	+ Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.590	.135	29.455	30.43	17.0	16.5	16	92	.085	19.8	14.3	NE	16	28	N	0	10	St	NE	Cloudy		O.E.R.	1
2	74.5	29.383	.131	29.252	30.22	22.0	21.4	20	92	.103	26.4	20.9	SW	9			.05	10	St	SW	Cloudy		O.E.R.	2
3	71.5	29.243	.122	29.121	30.08	24.9	24.9	25	100	.130	24.9	21.3	S	8			T	10	Nb	S	Lt. Snow		O.E.R.	3
4	67.5	29.083	.111	28.972	29.92	26.0	24.7	22	84	.113	31.7	25.5	SW	7			0	10	St	SW	Cloudy		O.E.R.	4
5	72.0	29.253	.124	29.129	30.09	26.2	25.7	25	94	.130	27.7	20.1	S	8			0	10	St	S	Cloudy		O.E.R.	5
6	70.0	29.291	.119	29.172	30.13	15.0	15.0	15	100	.081	32.6	15.0	S	3			T	10	Dense Fog	S	Foggy		O.E.R.	6
7	70.5	29.213	.120	29.093	30.04	29.8	26.8	22	68	.113	33.8	29.8	SW	8			0	5	a St	W	Pt Cloudy		O.E.R.	7
8	71.5	29.255	.122	29.133	30.09	15.7	15.5	15	97	.081	31.5	15.7	SW	6			0	0	0	0	Clear		O.E.R.	8
9	71.0	29.359	.121	29.238	30.20	10.7	10.5	10	96	.063	26.0	10.3	E	4			0	2	a St	SW	Clear		O.E.R.	9
10	72.5	29.311	.125	29.186	30.14	23.0	21.8	19	84	.098	36.0	18.8	SW	2			0	3	a St	W	Clear		O.E.R.	10
11	72.0	29.265	.124	29.141	30.10	13.4	13.0	11	92	.066	25.4	13.4	NE	12			0	1	a St	SW	Clear		O.E.R.	11
12	70.5	29.115	.119	28.996	29.97	14.9	14.5	13	93	.074	15.5	12.7	NE	8			T	10	St	NE	Cloudy		O.E.R.	12
13	70.0	29.176	.118	29.058	30.02	19.0	18.4	17	91	.089	29.0	18.6	SW	11			.02	10	Nb	SW	Lt. Snow		O.E.R.	13
14	69.5	29.495	.118	29.377	30.36	6.8	6.8	7	100	.054	15.1	6.8	S	6			0	0	0	0	Clear		O.E.R.	14
15	70.5	29.637	.122	29.515	30.50	9.3	9.3	9	100	.060	21.8	9.3	S	1			0	6	a cu	W	Pt. Cloudy		O.E.R.	15
16	73.0	29.284	.126	29.158	30.10	33.5	33.2	33	97	.187	35.0	31.7	SE	7			.14	10	Nb	S	Lt. Snow		O.E.R.	16
17	71.5	29.367	.122	29.245	30.19	26.0	24.7	22	84	.113	36.0	26.0	N	7			0	10	St	N	Cloudy		O.E.R.	17
18	71.5	29.463	.123	29.340	30.31	13.5	12.5	10	82	.063	29.2	13.5	SW	6			0	10	St cu	NW	Cloudy		O.E.R.	18
19	72.5	29.567	.126	29.441	30.41	13.7	13.2	12	90	.070	25.2	13.7	E	8			0	Few	a St	SW	Clear		O.E.R.	19
20	71.0	29.226	.121	29.105	30.06	26.0	24.4	22	81	.113	26.0	22.3	W	6			.02	10	St	W	Cloudy		O.E.R.	20
21	71.0	29.575	.122	29.453	30.42	19.3	18.9	18	94	.093	30.0	19.3	S	8			0	Few	a St	SW	Clear		O.E.R.	21
22	72.5	29.357	.125	29.232	30.17	31.3	29.8	27	84	.143	39.1	31.3	W	13			0	7	a St	W	Pt Cloudy		O.E.R.	22
23	74.0	29.896	.132	29.764	30.75	11.1	10.1	6	79	.052	21.0	10.3	NW	4			T	9	St cu	NW	Cloudy		O.E.R.	23
24	70.5	29.424	.121	29.303	30.27	20.0	17.6	11	65	.066	20.0	12.8	S	16			0	3	a St	SW	Clear		O.E.R.	24
25	69.5	29.331	.117	29.214	30.15	32.9	31.2	28	83	.150	39.0	32.9	E	6			0	8	a cu	SW	Cloudy		O.E.R.	25
26	72.5	29.122	.124	28.998	29.94	41.2	40.4	41	94	.256	41.2	35.2	W	6			T	10	Nb	W	Lt. Rain		O.E.R.	26
27	76.5	29.710	.138	29.572	30.57	1.7	1.2	-1	85	.036	11.2	1.7	N	13			0	10	St	N	Cloudy		O.E.R.	27
28	72.0	29.645	.126	29.519	30.52	-3.3	-3.3	-3	100	.032	6.3	-3.3	NE	5			0	2	a St	W	Clear		O.E.R.	28
29	72.5	29.211	.125	29.086	30.06	14.9	14.1	12	86	.070	16.8	14.1	NE	8			0	10	St	SE	Cloudy		O.E.R.	29
30	72.5	29.420	.126	29.294	30.26	19.0	18.6	18	94	.093	21.8	15.9	SW	8			0	0	0	0	Clear		O.E.R.	30
31	72.5	29.226	.125	29.101	30.05	30.1	26.6	20	62	.103	31.8	26.8	S	17			0	5	a St	W	Pt Cloudy		O.E.R.	31
Sums		(a)	(a)	906.63	936.52	604.6	578.0	522	2743	2.980	(a)	(a)	(a)	247	(a)	(a)	0.23	181	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.247	30.210	19.5	18.6	16.8	88.5	.096	(a)	(a)	(c) S SW	8.0	(a)	(a)	(a)	6.2	U a St. L St.	U SW & W L S			(a)	(a)

Reference letters in this form refer to paragraph 121. † By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.343	.138	29.205	30.16	20.9	20.7	20	97	.103	22.9	17.0	NE	13			.32	10	Nb	NE	Lt Snow			O.E.R.	1
2	78.5	29.404	.142	29.262	30.23	23.0	21.0	16	73	.085	25.0	20.4	S	8			0	10	St	S	Cloudy			P.M.C.	2
3	72.5	29.094	.124	28.970	29.92	31.0	29.0	26	79	.136	31.0	24.9	SW	14			.01	10	St	SW	Cloudy			P.M.C.	3
4	76.0	29.242	.134	29.108	30.07	21.2	20.7	19	93	.098	26.0	18.8	S	13			0	0	0	0	Clear			O.E.R.	4
5	75.5	29.091	.132	28.959	29.91	32.6	32.1	32	95	.180	32.6	25.7	S	7			.08	10	Nb	S	Lt Snow			P.M.C.	5
6	75.0	29.252	.132	29.120	30.08	33.0	30.6	27	77	.143	35.0	10.0	S	15			0	0	0	0	Clear	B 8:50a E 1:30p	B 8:00a E 8:50a	P.M.C.	6
7	76.0	29.180	.134	29.046	30.00	31.5	30.5	30	90	.164	34.9	29.4	SW	5			.02	0	0	0	Clear			P.M.C.	7
8	75.0	29.374	.132	29.242	30.20	26.0	23.0	16	64	.085	31.9	15.5	S	6			0	0	0	0	Clear			P.M.C.	8
9	76.0	29.328	.134	29.194	30.15	36.0	31.7	25	63	.130	42.3	9.1	SE	5			0	0	0	0	Clear			P.M.C.	9
10	76.0	29.320	.134	29.186	30.15	25.4	23.9	21	81	.108	32.0	17.9	N	9			0	8	ast	NW	Cloudy	B 10:00a E 11:15a	B 9:00a E 10:00a	P.M.C.	10
11	74.0	29.167	.129	29.038	30.01	15.5	15.1	14	93	.077	21.7	13.0	NE	19	25	NE	0	10	St	NE	Cloudy			O.E.R.	11
12	74.0	28.944	.128	28.816	29.77	29.0	28.0	26	89	.136	29.0	14.9	S	5			.06	10	St	S	Cloudy			P.M.C.	12
13	73.0	29.415	.127	29.288	30.27	15.1	14.7	13	93	.074	23.3	14.3	SW	7			T	10	St	W	Cloudy			O.E.R.	13
14	74.0	29.544	.130	29.414	30.39	20.9	18.4	12	64	.070	26.8	6.2	S	2			0	0	0	0	Clear			P.M.C.	14
15	76.0	29.520	.135	29.385	30.35	33.6	31.1	28	77	.150	35.0	8.9	E	3			0	10	St	E	Cloudy			P.M.C.	15
16	76.0	29.242	.134	29.108	30.06	36.0	35.0	34	91	.195	36.8	33.5	SW	6			.05	10	St	SW	Cloudy			P.M.C.	16
17	75.0	29.368	.132	29.236	30.19	29.0	27.1	24	79	.124	29.2	24.0	SW	5			0	10	St	SW	Cloudy			P.M.C.	17
18	74.0	29.587	.130	29.457	30.43	25.2	23.4	20	77	.103	28.1	13.1	NW	3			0	7	Stcu	NW	Pt Cloudy			O.E.R.	18
19	74.0	29.288	.129	29.159	30.12	22.9	21.6	19	83	.098	26.3	13.0	NE	10			0	10	St	NE	Cloudy			P.M.C.	19
20	73.5	29.580	.129	29.451	30.41	30.0	27.2	22	70	.113	36.6	23.0	NW	6			0	0	0	0	Clear			P.M.C.	20
21	77.5	29.340	.138	29.202	30.15	38.9	36.2	32	78	.180	43.0	18.9	S	14			0	0	0	0	Clear			P.M.C.	21
22	74.0	29.635	.131	29.504	30.47	21.0	19.0	14	71	.077	35.4	21.0	NW	19	37	W	T	1	Stcu	NW	Clear			P.M.C.	22
23	76.0	29.760	.136	29.624	30.60	16.0	13.8	7	63	.054	20.0	11.1	E	4			0	0	0	0	Clear			P.M.C.	23
24	72.5	29.306	.125	29.181	30.13	39.0	35.5	31	72	.172	41.0	20.0	SW	6			0	10	St	SW	Cloudy			P.M.C.	24
25	72.0	29.154	.124	29.030	29.98	36.1	34.2	31	83	.172	43.2	31.7	E	6			0	10	St	E	Cloudy			O.E.R.	25
26	77.0	29.582	.138	29.444	30.41	11.2	10.0	5	75	.049	41.2	11.2	N	14			T	7	Stcu	N	Pt Cloudy			P.M.C.	26
27	76.5	29.720	.138	29.582	30.58	6.3	5.1	−1	70	.036	10.0	1.5	NE	10			0	0	0	0	Clear			P.M.C.	27
28	76.0	29.438	.135	29.303	30.29	16.8	15.0	10	71	.063	20.1	−4.0	NE	6			0	9	ast	W	Cloudy			P.M.C.	28
29	76.0	29.254	.134	29.120	30.09	20.0	18.0	13	70	.074	25.0	14.9	NW	10			0	9	ast	W	Cloudy			P.M.C.	29
30	77.5	29.430	.139	29.291	30.25	31.8	29.3	26	74	.136	37.0	18.2	SW	10			0	0	0	0	Clear			P.M.C.	30
31	75.5	29.110	.132	28.978	29.93	41.0	37.2	32	71	.180	46.4	30.1	SW	8	27	S	0	0	0	0	Clear			P.M.C.	31
Sums		(a)	(a)	905.903	935.75	815.9	758.1	644	2426	3.565	(a)	(a)	(a)	268	(a)	(a)	.54	171	(a)	(a)	(a)	2	2	(a)	(a)
Means		(a)	(a)	29.223	30.185	26.3	24.5	20.8	78.3	.115	(a)	(a)	(c) S SW	8.6	(a)	(a)	(a)	.55	U ast L St.	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1925.

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range (b) °	Change (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Thursday	26	14	12	2	20				Sd	12:40p	DNp										.37				0	3.7	5.0	.37	1
2	26	20	6	3	23																0				0	0.5	5.0	0	2
3	32	21	11	3	26				Sd	DNa	10:10a	R	10:10a	12:05p							.01				0	0.2	4.5	.01	3
4	29	19	10	2	24																0				0	0	4.3	0	4
5	33	23	10	4	28				Sd	2:15p	7:30p										.08				0	0.8	4.7	.08	5
6	35	10	25	6	22																0				0	T	4.2	0	6
7	35	26	9	8	30				Sd	10:25a	11:20a	Sm	1:30p	4:20p							.02				0	0.2	4.0	.02	7
8	32	16	16	6	24																0				0	0	3.8	0	8
9	42	9	33	2	26																0				0	0	3.3	0	9
10	32	18	14	1	25																0				0	0	3.0	0	10
11	22	13	9	7	18																0				0	0	2.8	0	11
12	29	13	16	3	21				Sd	DNa	DNa	Sd	9:10a	2:15p	Sd	4:30p	5:15p				.06				0	0.6	3.4	.06	12
13	23	11	12	4	17				Sd	DNa	9:15a	Sd	12:50p	3:00p							.02				0	0.3	3.2	.02	13
14	27	6	21	1	16																0				0	0	3.0	0	14
15	35	9	26	6	22				Sm	DNp	cont'd										T				0	0	2.8	T	15
16	37	33	4	13	35				Sm	Cont'd	7:30a	R	10:15a	1:00p							.19				0	1.0	2.0	.14	16
17	34	24	10	6	29																0				0	0	2.0	0	17
18	28	13	15	9	20																0				0	0	2.0	0	18
19	26	13	13	0	20																0				0	0	1.8	0	19
20	37	22	15	10	30				Sd	DNa	DNa										.02				0	0.3	1.8	.02	20
21	43	19	24	1	31																0				0	0	1.5	0	21
22	39	14	25	5	26				Sd	4:50p	5:45p	Sd	7:02p	7:20p							T				0	T	1.2	T	22
23	20	10	10	11	15																0				0	T	1.0	0	23
24	41	13	28	12	27																0				0	0	0.5	0	24
25	43	32	11	11	38																0				0	0	0.3	0	25
26	41	5	36	15	23				R	6:15a	9:00a	R	10:45a	12:50p	Sd/B	12:50p	3:30p				T				0	T	T	T	26
27	10	2	8	17	6																0				0	0	T	0	27
28	20	-4	24	2	8																0				0	0	T	0	28
29	25	14	11	12	20																0				0	0	T	0	29
30	37	16	21	6	26																0				0	0	T	0	30
31	46	27	19	10	36																0				0	0	T	0	31
S	985	481	504	198	732		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.77		Total excess or deficiency since Jan. 1,		0	7.6	(a)	(a)	(a)
M	31.8	15.5	16.3	6.4	23.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF January, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.247	29.223	29.235	29.800	23	28.810	12	0.990	30.210	30.185	30.198	30.79	23	29.76	12	1.03
Corrected mean		29.230						Corrected mean		30.193					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
19.5	26.3	22.9	18.6	24.5	21.6	31.8	15.5	23.6	46	31	−4	28	50	36	26	4	16

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)
16.8	20.8	18.8	88.5	78.3	83.4	.096	.115	.106

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
16	0	30	1

Clouds.

Most frequent clouds: Stratus.

Most frequent direction upper clouds: West.

Most frequent direction lower clouds: Southwest.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6845	9.2	SW	37	W	22	4	10	6	2	16	16	3	5	0

Number of times wind observed from the—

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.2	5.5	6.3	47	6	10	15	0	1	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			0	0	11, 15, 19, 22, 24, 28, 29.	0	6, 10	6, 10	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.77	0.37	1	0			0			3	8	4	1	0	11	11	8	7.6	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage not used during month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by O.E.R.

P. M. Donough, Meteorologist, Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure. Highest																			
23"	11 30 am	10 30 am				29.800	30.79	16.0																	23"
						Lowest																			
12"	6 30 pm	5 30 p.m				28.810	29.76	28.0																	12"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			345	24															345	24
2									63	8	152	16							215	24
3									94	11	208	13							302	24
4											243	23	13	1					256	24
5							55	6	83	8	62	9	9	1					209	24
6									172	16	38	8							210	24
7									52	7	121	14	12	2	8	1			193	24
8							4	2	21	5	132	17							157	24
9					16	5	48	11	31	8									95	24
10	76	9	59	7					8	6	2	1			5	1			150	24
11			378	24															378	24
12	18	2	59	7	28	7	3	1	7	2	40	4	15	1					170	24
13											231	22	20	2					251	24
14									65	17	46	7							111	24
15			4	1	40	10	31	4	11	8							0	1	86	24
16					3	1	12	2	92	11	41	5	24	3	12	2			184	24
17	37	7							7	1	36	5	18	3	44	8			142	24
18	9	2	9	2					7	1	98	12	6	1	29	6			158	24
19	10	1	179	14	86	9													275	24
20	40	6									37	4	47	4	95	10			219	24
21	4	2					9	2	106	9	164	11							283	24
22											84	7	176	9	120	8			380	24
23	13	2	14	2	38	7	47	6							31	7			143	24
24							27	4	122	8	115	12							264	24
25	5	1			67	16	12	2			4	1	9	3	4	1			101	24
26	94	6							44	5	15	122	15	2	155	11			308	24
27	158	12	131	11	10	1													299	24
28			135	18	46	6													181	24
29	28	4	79	9									22	3	64	8			193	24
30									32	3	207	21							239	24
31									241	14	100	9			7	1			348	24
SUMS,	492	54	1392	119	334	62	248	40	1258	148	2161	221	386	35	574	64	0	1	6845	744
PERCENTAGE,	7	7	20	16	5	8	4	5	18	20	32	30	6	5	8	9	0	0	a	a
AVG. HOURLY VELOCITY,	9.1	a	11.7	a	5.4	a	6.2	a	8.5	a	9.8	a	11.0	a	9.0	a	0	a	9.2	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. Self-recording rain gage not in use during month.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun streets rooms 911-912 Tri State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:20 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.5	29.276	.133	29.143	30.09	28.9	26.4	22	72	.113	41.0	28.9	NE	9			0	10	St	NE	Cloudy		PMcD	1
2	77.0	29.362	.137	29.225	30.18	19.0	18.0	15	85	.081	26.0	19.0	N	8			T	10	St	N	Cloudy		PMcD	2
3	73.0	29.552	.127	29.425	30.39	15.8	15.0	13	86	.074	20.2	11.6	E	3			T	10	St	SE	Cloudy		PMcD	3
4	74.0	29.374	.129	29.245	30.19	26.0	23.9	20	74	.103	30.2	25.4	S	8			0	0	0	0	Clear		PMcD	4
5	74.0	29.116	.128	28.988	29.94	35.0	34.0	33	91	.187	35.0	31.4	S	13			0	0	0	0	Clear		PMcD	5
6	75.0	29.102	.131	28.971	29.91	38.0	37.0	36	91	.211	45.5	32.0	SE	4			0	2	a St	W	Clear		PMcD	6
7	75.0	29.140	.132	29.008	29.94	46.9	42.8	38	72	.228	51.7	45.0	S	8			0	10	St cu	SW	Cloudy		PMcD	7
8	72.5	29.165	.125	29.040	29.97	50.4	47.4	44	81	.287	56.2	50.4	S	10			0	9	St cu	SW	Cloudy		PMcD	8
9	74.5	28.873	.128	28.745	29.65	53.0	52.0	51	94	.373	60.0	52.8	S	14			.06	10	St cu	S	Cloudy		PMcD	9
10	73.0	29.310	.126	29.184	30.12	33.3	30.8	27	76	.143	37.2	32.0	SE	5			0	10	St	S	Cloudy		PMcD	10
11	72.5	29.090	.124	28.966	29.92	23.8	21.8	18	74	.093	37.8	23.8	NW	24	26	NW	.02	10	Nb	NW	Lt Snow		PMcD	11
12	71.5	29.218	.122	29.096	30.06	23.0	22.0	20	87	.103	23.0	20.7	NW	8			T	10	St	NW	Cloudy		PMcD	12
13	71.0	28.900	.120	28.780	29.72	31.0	28.3	24	72	.124	31.1	28.0	SW	12			0	10	St	W	Cloudy		PMcD	13
14	71.0	29.170	.121	29.049	30.01	21.9	20.4	17	79	.089	28.1	21.9	S	8			0	0	0	0	Clear		PMcD	14
15	72.0	29.176	.124	29.052	30.00	29.4	26.9	22	72	.113	36.2	29.0	W	7			0	2	a St	SW	Clear		PMcD	15
16	75.5	29.342	.133	29.209	30.15	32.6	30.1	27	75	.143	37.0	30.6	S	8			0	4	St cu	NW	Pt Cloudy		PMcD	16
17	71.0	29.424	.122	29.302	30.26	17.3	16.1	13	80	.074	32.6	17.3	NW	7			T	1	St	NW	Clear		PMcD	17
18	72.0	29.534	.125	29.409	30.38	20.6	18.6	14	71	.077	25.8	19.8	S	5			0	0	0	0	Clear		PMcD	18
19	71.0	29.260	.121	29.139	30.09	29.0	27.0	24	78	.124	42.2	29.0	W	16			0	10	St	W	Cloudy		PMcD	19
20	72.0	29.370	.124	29.246	30.20	27.0	25.6	23	83	.118	32.2	25.0	E	3			0	10 / 6	St / Lt Smoke	E / E	Cloudy		PMcD	20
21	74.0	29.000	.128	28.872	29.80	50.0	49.5	49	96	.347	50.0	42.6	S	16			.90	10	Nb	SW	Lt. Rain		PMcD	21
22	71.5	29.190	.122	29.068	30.01	36.9	36.9	37	100	.219	50.6	36.6	E	14			.08	10 / 8	Nb / Lt Fog	E / E	Lt. Rain		PMcD	22
23	71.0	28.772	.119	28.653	29.57	51.6	50.1	49	91	.347	54.9	49.0	SW	8	25	SW	.46	10	Nb	W	Lt Rain		PMcD	23
24	71.5	29.176	.122	29.054	30.00	35.0	35.0	35	100	.203	38.0	33.9	N	2			T	10	Dense Fog	N	Foggy		PMcD	24
25	71.0	28.882	.120	28.762	29.69	42.0	41.0	40	92	.247	42.6	40.9	S	14			0	10 / 6	St / Lt Fog	S / S	Cloudy		PMcD	25
26	61.0	29.067	.094	28.973	29.93	14.4	13.8	12	89	.070	36.0	14.4	W	17	34	SW	T	10	Nb	W	Lt. Snow		PMcD	26
27	65.0	29.456	.106	29.350	30.33	5.2	4.6	2	84	.042	13.7	4.9	W	14	25	SW	.01	3	St cu	W	Clear		PMcD	27
28	71.5	29.522	.123	29.399	30.38	10.0	9.0	5	79	.049	10.5	6.6	SE	8			0	8	a St	NW	Cloudy		PMcD	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	814.353	840.88	847.0	804.0	730	2324	4.382	(a)	(a)	(a)	273	(a)	(a)	1.53	189	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.084	30.031	30.2	28.7	26.1	83.0	.156	(a)	(a)	(c) S	9.8	(a)	(a)	(a)	6.8	U a St. L St.	U SW, W, NW L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	78.0	29.242	.139	29.103	30.06	26.0	25.0	23	88	.118	28.9	24.6	NE	12			T	10	St	NE	Cloudy			P.M.D.	1
2	78.0	29.585	.141	29.444	30.41	20.2	18.7	15	78	.081	23.7	17.8	N	12			T	10	Nb	N	Lt. Snow			O.E.R.	2
3	75.5	29.391	.134	29.257	30.22	30.2	28.5	26	82	.136	30.5	15.8	S	8			T	10	St	SW	Cloudy			O.E.R.	3
4	77.5	29.333	.138	29.195	30.15	34.2	32.5	30	84	.164	40.9	25.8	S	10			0	0	0	0	Clear			O.E.R.	4
5	76.5	29.215	.135	29.080	30.02	45.5	41.3	36	70	.211	49.2	34.8	SW	2			0	3	Lt Smoke	SW	Clear			O.E.R.	5
6	72.5	29.039	.124	28.915	29.85	51.2	46.7	42	72	.266	57.0	37.3	S	8			0	5	St cu	W	Pt Cloudy			O.E.R.	6
7	72.5	29.144	.125	29.019	29.95	56.2	51.7	48	74	.334	61.7	46.9	S	8			0	2	a cu	SW	Clear			O.E.R.	7
8	72.5	29.112	.124	28.988	29.92	60.0	56.0	53	78	.402	67.6	50.2	SE	9			T	8	a st	W	Cloudy			P.M.D.	8
9	75.5	29.217	.133	29.084	30.02	37.2	35.5	33	85	.187	54.2	37.2	SW	8	31	SW	T	10	St	SW	Cloudy			O.E.R.	9
10	75.0	29.173	.132	29.041	29.99	37.8	35.3	32	79	.180	40.9	33.3	N	10			0	10	St	S	Cloudy			O.E.R.	10
11	76.5	29.216	.135	29.081	30.04	21.9	20.0	15	73	.081	23.8	21.2	NW	15	25	NW	.01	10	Nb	NW	Lt Snow			O.E.R.	11
12	75.0	29.093	.131	28.962	29.92	31.1	26.6	18	53	.093	35.2	23.0	S	12			0	10	St	W	Cloudy			O.E.R.	12
13	75.5	29.150	.133	29.017	29.97	28.1	24.9	18	64	.093	33.5	28.1	W	5			0	0	0	0	Clear			O.E.R.	13
14	76.0	29.117	.133	28.984	29.93	36.2	30.0	19	46	.098	41.3	21.9	SW	5			0	0	0	0	Clear			O.E.R.	14
15	76.5	29.344	.136	29.208	30.15	37.0	33.0	27	66	.143	40.0	29.0	SW	6			0	0	0	0	Clear			P.M.D.	15
16	75.0	29.272	.132	29.140	30.09	32.6	30.3	27	77	.143	48.5	32.0	N	14			0	10	St cu	NW	Cloudy			O.E.R.	16
17	75.0	29.481	.133	29.348	30.32	25.8	21.8	12	52	.070	30.7	17.3	W	10			0	0	0	0	Clear			O.E.R.	17
18	76.0	29.263	.134	29.129	30.08	39.6	34.4	27	59	.143	42.8	20.6	S	14			0	7	a cu	W	Pt Cloudy			O.E.R.	18
19	75.0	29.397	.133	29.264	30.22	32.2	28.8	23	66	.118	35.2	28.3	S	6			0	10	St	SW	Cloudy			O.E.R.	19
20	74.0	29.197	.129	29.068	30.02	47.2	41.2	34	60	.195	52.9	27.0	E	3			0	10 3	St Lt Smoke	E E	Cloudy			O.E.R.	20
21	71.0	29.135	.121	29.014	29.94	50.3	50.0	50	98	.360	51.9	50.0	S	5			.20	10	Nb	SW	Lt Rain	B 7:35 p.		O.E.R.	21
22	70.5	28.910	.119	28.791	29.71	50.0	50.0	50	100	.360	50.0	36.0	E	7			.10	10	Dense Fog	E	Foggy	E 5:00 p.	B 5:00 p. E 9:50 p.	P.M.D.	22
23	72.5	29.012	.124	28.888	29.82	37.8	36.8	36	91	.211	55.3	37.8	NW	10			.14	10	St	NW	Cloudy			P.M.D.	23
24	73.0	29.033	.125	28.908	29.85	42.0	40.3	39	87	.237	42.7	35.0	S	11			0	10 3	St Lt Fog	S S	Cloudy	B 9:00 a.	B 6:30 a. E 9:00 a.	O.E.R.	24
25	69.0	28.840	.114	28.726	29.66	36.0	34.8	33	89	.187	47.4	36.0	W	17			T	10 5	Nb Lt Fog	W W	Lt. Rain	E DNP		O.E.R.	25
26	67.0	29.303	.111	29.192	30.16	13.7	11.3	2	55	.042	16.9	13.0	W	20	32	W	T	2	St cu	NW	Clear			O.E.R.	26
27	73.5	29.521	.129	29.392	30.37	10.5	9.1	4	70	.047	12.8	5.0	NW	6			T	4	Cl. St.	NW	Pt. Cloudy			O.E.R.	27
28	75.5	29.269	.133	29.136	30.10	33.4	29.6	23	63	.118	35.6	10.0	S	11			0	8	a. St.	W	Cloudy			O.E.R.	28
29																									29
30																									30
31																									31
Sums	(a)	(a)		814.374	840.94	1003.9	924.1	795	2059	4.818	(a)	(a)	(a)	264	(a)	(a)	0.45	176	(a)	(a)	(a)	4	2	(v)	(a)
Means	(a)	(a)		29.085	30.034	35.9	33.0	28.4	73.5	.172	(a)	(a)	(c) S	9.4	(a)	(a)	(a)	6.3	U 4.5 St + Cu L St	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1925.

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Sunday 1	36	24	12	6	30				R	3:10p	4:30p	R	6:55p	7:35p							T				0	0	T	0	1
2	24	13	11	12	18				Sd	6:10p	7:10p										T				0	T	T	T	2
3	30	12	18	3	21				Sd	5:55a	6:20a	Sd	7:15a	8:20a							T				0	T	T	T	3
4	41	25	16	12	33																0				0	0	T	0	4
5	49	32	17	7	40																0				0	0	T	0	5
6	57	32	25	4	44																0				0	0	T	0	6
7	62	45	17	10	54																0				0	0	T	0	7
8	68	50	18	5	59				R	7:55a	8:10a	R	9:15a	10:10a							T				0	0	0	0	8
9	58	35	23	13	46				R	DNa	6:15a	R	8:40a	9:30a	R	12:55p	1:15p				.06				0	0	0	0	9
10	41	32	9	10	36																0				0	0	0	0	10
11	35	21	14	8	28				Sm	DNa	2:30p	Sd	3:40p	DNp							.03				0	0.3	0.3	.03	11
12	35	21	14	0	28																0				0	T	T	0	12
13	34	26	8	2	30																0				0	0	T	0	13
14	41	22	19	2	32																0				0	0	0	0	14
15	40	29	11	2	34																0				0	0	0	0	15
16	48	26	22	3	37																0				0	0	0	0	16
17	31	17	14	13	24				Sd	DNa	DNa										T				0	T	T	T	17
18	43	20	23	8	32																0				0	0	0	0	18
19	42	28	14	3	35																0				0	0	0	0	19
20	53	25	28	4	39				R	DNp	Cont'd										.02				0	0	0	0	20
21	52	43	9	9	48				R	Cont'd	7:35p	R	10:15p	Cont'd							1.10				0	0	0	0	21
22	55	36	19	2	46				R	Cont'd	7:50a	R	1:18p	5:50p							.16				0	0	0	0	22
23	55	36	19	0	46				R	D.N.a	7:30a	R	11:55a	1:45p	R	3:24p	6:15p				.60				0	0	0	0	23
24	43	34	9	8	38				R	6:05a	6:35a										T				0	0	0	0	24
25	47	25	22	2	36				R	7:30a	10:50a	R	4:15p	DNp							T				0	0	0	0	25
26	25	10	15	18	18				Sd	DNa	6:55a	Sd	7:50a	12:30p							T				0	T	T	T	26
27	13	5	8	9	9				Sd	DNa	DNa	Sd	7:10a	1:00p							.01				0	0.2	0.2	.01	27
28	36	7	29	13	22				Sm	DNp	Cont'd										T				0	0	T	T	28
29																													29
30																													30
31																													31
S	1194	731	463	188	963		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.98		Total excess or deficiency since Jan. 1,		0	0.5	(a)	(a)	(a)
M	42.6	26.1	16.5	6.7	34.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) ø Amounts before and after midnight estimated.

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SUMMARY FOR THE MONTH OF February, 1925.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.084	29.085	29.084	29.460	2	28.620	23	0.840	30.031	30.034	30.032	30.44	2	29.53	23	0.91
Corrected mean		29.079						Corrected mean		30.027					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
30.2	35.9	33.0	28.7	33.0	30.8	42.6	26.1	34.4	68	8	5	27	63	29	28	8	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
26.1	28.4	27.2	83.0	73.5	78.2	.156	.172	.164	5	0	21	0

Clouds.
Most frequent clouds: Stratus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6965	10.4	S	34	SW	25	5	2	5	4	20	6	8	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.8	6.3	6.6	46	7	8	13	0	2	5

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			0	0	3, 8, 16, 18, 19, 20, 28	8	21, 22, 24, 25	22, 24	0	0	5, 20	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.98	1.10	21	0			0			9	7	4	2	1	16	7	2	0.5	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic raingage not used during the month.																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by C. E. Russell

P. M. Donoghue, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure																			
						Highest.																			
2		11.30 pm.				29.460	30.44	14.0																	2
3	12 30 am																								3
						Lowest.																			
23	4 45 am	3 45 am				28.620	29.53	54.0																	23

If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	47	6	202	17											6	1			255	24
2	211	19	28	3											20	2			259	24
3			13	3	20	4	20	3	130	14									183	24
4									239	24									239	24
5					3	1	11	3	64	6	48	6	53	8					179	24
6					24	5	23	4	137	14	7	1							191	24
7							16	2	223	22									239	24
8							85	8	213	16									298	24
9							48	3	86	6	209	15							343	24
10	91	9	46	8	7	2					6	1	10	2	14	2			174	24
11													10	1	404	23			414	24
12									74	6	57	5	128	13					259	24
13									5	1	89	9	139	12	26	2			259	24
14									77	11	90	13							167	24
15									25	5	27	5	88	12	11	2			151	24
16	48	4							138	17					33	3			219	24
17	6	1											109	13	82	10			197	24
18							6	1	231	17	27	6							264	24
19									54	5	67	7	94	10	23	2			238	24
20					15	4	93	16	33	4									141	24
21					7	2	7	1	201	18	27	3							242	24
22			71	8	91	13	21	3											183	24
23			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	4	73	8	13	1	112	11			228	24
24	9	3							180	17	[illegible]	[illegible]	[illegible]	1	26	4			215	24
25									128	9	72	5	195	10					395	24
26											23	1	523	23					546	24
27	4	1			2	1							218	15	54	7			278	24
28			2	1	7	2	104	12	96	9									209	24
29																				
30																				
31																				
SUMS,	416	43	362	40	176	34	434	56	2364	225	822	85	1580	120	811	69	0	0	6965	672
	6	6	5	6	2	5	6	8	34	34	12	13	23	18	12	10				
PERCENTAGE,	6	6	5	6	2	5	6	8	34	34	12	13	23	18	12	10	0	0	a	a
							7.8		10.6		9.8		13.1		11.8					
AVG. HOURLY VELOCITY,	9.7	a	9.0	a	5.2	a	7.8	a	10.5	a	9.8	a	13.2	a	11.8	a	0	a	10.4	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of March, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. automatic rain gage in use after 4:00 p.m. of 28th.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911. 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun street, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	− Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	28.872	.119	28.753	29.69	33.6	33.1	33	95	.187	33.6	29.1	SW	7			43	10	Nb	W	Lt. Snow		O.E.R.	1
2	68.5	29.353	.115	29.238	30.21	4.5	4.1	2	89	.042	15.9	3.3	W	13			.01	10	Nb	W	Lt. Snow		O.E.R.	2
3	69.5	29.339	.117	29.222	30.21	5.7	4.9	1	80	.040	7.0	1.9	S	13			0	7	ci st	SW	Pt. Cloudy		O.E.R.	3
4	70.0	29.074	.118	28.956	29.91	33.4	30.9	27	76	.143	33.6	32.2	W	4			0	10	St	W	Cloudy		O.E.R.	4
5	71.0	29.425	.122	29.303	30.26	17.8	16.8	14	84	.077	28.3	17.0	N	3			0	0	0	0	Clear		O.E.R.	5
6	72.5	29.320	.125	29.195	30.14	32.6	29.1	24	66	.124	35.0	31.6	S	12			0	1	ci st	NW	Clear		O.E.R.	6
7	71.5	29.280	.122	29.158	30.09	39.1	35.8	32	74	.180	49.2	39.1	E	3			0	8	a st	W	Cloudy		O.E.R.	7
8	70.0	29.180	.118	29.062	30.00	33.1	33.1	33	100	.187	61.0	33.1	NW	5			0	10	Dense Fog	NW	Foggy		O.E.R.	8
9	69.0	29.385	.117	29.268	30.22	33.6	32.9	32	93	.180	36.2	33.5	E	10			T	10	Nb	E	Lt. Rain		O.E.R.	9
10	71.0	28.988	.120	28.868	29.80	53.3	51.2	49	87	.347	57.9	42.8	S	15			.02	10	St	SW	Cloudy		O.E.R.	10
11	70.0	29.256	.119	29.137	30.08	31.5	27.5	20	59	.103	53.0	31.5	NW	3			T	2	a st	W	Clear		O.E.R.	11
12	69.0	29.541	.117	29.424	30.38	25.4	22.4	15	63	.081	32.6	23.8	E	4			0	0	0	0	Clear		O.E.R.	12
13	69.0	29.319	.116	29.203	30.14	36.0	33.6	30	79	.164	46.5	36.0	NE	12			T	5 / 3	a st / st cu	SW / S	Cloudy		O.E.R.	13
14	71.0	28.921	.120	28.801	29.74	37.0	36.8	37	98	.219	41.7	35.0	W	10			1.12	10	Nb	W	Lt. Rain		O.E.R.	14
15	66.0	29.664	.109	29.555	30.53	22.0	21.5	20	93	.103	26.4	20.7	SW	5			0	0	0	0	Clear		O.E.R.	15
16	69.5	29.491	.118	29.373	30.33	30.4	28.2	25	76	.130	32.7	29.8	S	10			0	1	ci st	W	Clear		O.E.R.	16
17	70.0	29.211	.118	29.093	30.03	39.8	38.5	37	90	.219	48.6	39.3	S	6			0	0	0	0	Clear		O.E.R.	17
18	72.0	29.199	.124	29.075	30.01	41.7	40.9	40	94	.247	53.4	41.7	E	6			0	10	St	E	Cloudy		O.E.R.	18
19	70.0	29.242	.118	29.124	30.06	33.3	32.1	30	88	.164	45.4	33.3	W	12	30	N	.40	10	St	NW	Cloudy		O.E.R.	19
20	72.5	29.556	.126	29.430	30.39	32.3	30.1	27	77	.143	42.5	31.3	SW	6			0	0	0	0	Clear		O.E.R.	20
21	70.0	29.203	.118	29.085	30.01	47.4	42.6	37	68	.219	50.3	44.3	SW	16			0	8	a st	SW	Cloudy		O.E.R.	21
22	68.0	29.587	.114	29.473	30.43	33.2	30.2	25	71	.130	40.0	31.5	NE	4			0	6	a cu	W	Pt. Cloudy		O.E.R.	22
23	69.0	29.579	.117	29.462	30.41	31.5	30.0	28	84	.150	45.2	29.5	E	4			0	0	0	0	Clear		O.E.R.	23
24	71.5	29.329	.122	29.207	30.14	46.9	40.4	32	57	.180	52.7	44.4	S	16			0	8	a st	SW	Cloudy		O.E.R.	24
25	70.5	29.379	.121	29.258	30.20	37.2	36.7	36	95	.211	49.0	35.5	SW	1			.19	6 / 5	a st / Lt. Fog	W / SW	Pt. Cloudy		O.E.R.	25
26	73.5	29.072	.127	28.945	29.87	52.7	50.4	48	86	.334	60.9	50.6	S	6			0	3 / 3	ci st / Lt. Smoke	W / S	Clear		O.E.R.	26
27	71.5	28.953	.121	28.832	29.75	41.8	38.5	34	75	.195	61.4	41.8	NW	15	26	NW	T	1	st cu	NW	Clear		O.E.R.	27
28	69.5	29.189	.117	29.072	30.02	34.0	32.2	29	83	.157	41.0	32.6	NW	7			0	0	0	0	Clear		O.E.R.	28
29	66.5	29.271	.109	29.162	30.10	29.1	26.6	22	72	.113	40.9	27.4	NW	12			0	Few	a st	NW	Clear		O.E.R.	29
30	72.5	29.405	.126	29.279	30.23	36.0	34.8	33	89	.187	36.2	33.8	NE	14			T	10	St	NE	Cloudy		O.E.R.	30
31	71.5	29.421	.123	29.298	30.25	33.8	29.6	23	60	.118	46.0	30.6	N	8			0	0	0	0	Clear		O.E.R.	31
Sums		(a)	(a)	904.911	933.63	1039.7	975.5	875	2501	5.074	(a)	(a)	(a)	262	(a)	(a)	2.17	149	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.171	30.117	33.5	31.5	28.2	80.7	.164	(a)	(a)	(c) S	8.5	(a)	(a)	(a)	4.8	U a st. / L St.	U W / L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. † By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	73.0	29.123	.125	28.998	29.96	15.9	14.3	9	73	.060	33.6	15.9	W	11	26	W	.02	5	stcu	NW	Pt Cloudy			O.E.R.	1
2	76.0	29.520	.135	29.385	30.37	7.0	6.0	1	76	.040	10.2	4.1	SW	6			T	2	ast	W	Clear			P.M.D.	2
3	74.0	28.980	.128	28.852	29.80	32.6	28.6	22	61	.113	32.8	5.7	S	12	31	S	0	10	ast	SW	Cloudy			P.M.D.	3
4	72.5	29.280	.125	29.155	30.11	28.3	24.8	18	60	.093	34.8	28.3	NW	7			0	2	stcu	NW	Clear			P.M.D.	4
5	73.0	29.368	.126	29.242	30.20	35.0	31.4	26	67	.136	37.7	17.8	S	6			0	2	acu	NW	Clear			P.M.D.	5
6	71.5	29.304	.122	29.182	30.12	49.2	43.2	36	61	.211	53.6	32.6	SE	3			0	5	Lt Haze	—	Clear			P.M.D.	6
7	73.0	29.051	.125	28.926	29.86	61.0	53.0	46	59	.310	65.8	39.1	S	9			0	8 5	acu Lt Haze	NW —	Cloudy			P.M.D.	7
8	69.0	29.337	.116	29.221	30.16	36.2	35.2	34	91	.195	38.0	32.2	E	5			T	10	Nb	E	Lt. Rain	B 9:20a E 2:00p	B 6:20a E 9:30a	O.E.R.	8
9	72.0	29.080	.123	28.957	29.90	46.0	44.0	42	86	.266	48.2	33.3	E	10			.04	8	ast	W	Cloudy			P.M.D.	9
10	72.0	29.010	.123	28.887	29.81	53.0	50.0	47	82	.322	72.8	53.0	W	10	47	SW	.10	10	Nb	W	Lt. Rain			P.M.D.	10
11	71.0	29.384	.122	29.262	30.22	32.6	30.0	26	74	.136	37.2	31.5	NW	7			T	3	ast	SW	Clear			P.M.D.	11
12	71.0	29.494	.122	29.372	30.33	46.5	39.0	29	50	.157	49.6	25.4	S	5			0	0	0	0	Clear			P.M.D.	12
13	70.5	29.012	.119	28.893	29.84	35.0	35.0	35	100	.203	41.0	33.4	E	6			1.56	10	Nb	E	Lt Rain			P.M.D.	13
14	72.0	29.500	.125	29.375	30.34	26.4	24.9	22	82	.113	37.0	26.0	NW	14			T	10	st	NW	Cloudy			P.M.D.	14
15	71.0	29.579	.122	29.457	30.43	32.7	28.6	21	60	.108	36.2	21.8	S	8			0	1	cist	NW	Clear			O.E.R.	15
16	71.0	29.268	.121	29.147	30.09	48.6	42.6	36	61	.211	52.7	30.4	S	8			0	8	stcu	S	Cloudy			P.M.D.	16
17	73.0	29.234	.126	29.108	30.05	53.4	46.8	40	61	.247	58.4	39.8	E	4			0	7	ast	W	Pt Cloudy			P.M.D.	17
18	75.0	28.770	.130	28.640	29.56	45.4	45.4	45	100	.298	52.6	41.2	N	26	27	N	.80	10	Nb	NE	Lt. Rain			P.M.D.	18
19	76.0	29.372	.134	29.238	30.18	42.5	38.0	32	66	.180	46.6	33.1	SW	7			0	8	stcu	W	Cloudy			P.M.D.	19
20	73.0	29.384	.127	29.257	30.21	48.2	41.0	32	53	.180	53.3	32.3	S	16			0	2	ast	W	Clear			P.M.D.	20
21	71.5	29.480	.123	29.357	30.31	40.0	36.5	32	72	.180	53.2	40.0	NW	5	28	NW	0	3	ast	W	Clear			P.M.D.	21
22	70.0	29.547	.119	29.428	30.38	45.2	37.2	26	45	.136	48.9	33.0	E	2			0	0	0	0	Clear			O.E.R.	22
23	73.0	29.405	.127	29.278	30.23	52.7	44.2	35	50	.203	58.4	31.5	S	6			0	3	Light Haze	—	Clear			P.M.D.	23
24	73.0	29.270	.126	29.144	30.07	49.0	47.0	45	87	.298	73.4	46.9	NW	10	30	NW	.01	10	Nb	NW	Lt. Rain			P.M.D.	24
25	74.5	29.175	.130	29.045	29.97	60.9	50.0	39	45	.237	64.9	37.2	S	2			0	1	ast	W	Clear	B 6:30a E 8:40a	B DNA E 6:30a	P.M.D.	25
26	74.0	28.876	.128	28.748	29.66	61.4	57.4	54	79	.417	74.0	52.7	SW	18	27	SW	.02	10	st	SW	Cloudy			P.M.D.	26
27	74.0	29.110	.128	28.982	29.92	41.0	38.0	34	77	.195	47.0	41.0	NW	10	32	NW	T	1	st	NW	Clear			P.M.D.	27
28	70.0	29.232	.118	29.114	30.06	40.9	34.2	24	49	.124	50.3	34.0	N	14	30	NW	0	1	st	N	Clear			P.M.D.	28
29	74.0	29.284	.129	29.155	30.11	33.8	32.3	30	86	.164	40.9	29.1	N	7			T	10	Nb	N	Lt. Rain			O.E.R.	29
30	76.0	29.420	.135	29.285	30.23	46.0	41.0	35	65	.203	53.1	35.2	N	9			0	0	0	0	Clear			P.M.D.	30
31	74.5	29.352	.130	29.222	30.16	46.0	40.0	32	59	.180	49.4	33.8	N	6			0	0	0	0	Clear			P.M.D.	31
Sums	(a)	(a)	(a)	903.312	932.64	1292.4	1158.6	985	2137	5.916	(a)	(a)	(a)	269	(a)	(a)	2.55	152	(a)	(a)	(a)	2	2	(v)	(a)
Means	(a)	(a)	(a)	29.139	30.085	41.7	37.4	31.8	68.9	.191	(a)	(a)	(c) S	8.7	(a)	(a)	(a)	4.9	U 9 st L Nb	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1925

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	34	12	22	1	23				Sm	Cont'd	3:20p										.45				0	4.8	4.8	.45	1
2	13	2	11	15	8				Sd	DNa	7:15a										.01				0	0.1	4.8	.01	2
3	34	2	32	10	18																0				0	0	4.2	0	3
4	35	21	14	10	28																0				0	0	2.5	0	4
5	38	17	21	0	28																0				0	0	1.0	0	5
6	54	32	22	15	43																0				0	0	T	0	6
7	66	39	27	9	52																0				0	0	T	0	7
8	54	32	22	9	43				R	5:55p	DNp										T				0	0	0	0	8
9	55	33	22	1	44				R	6:10a	7:55a										.04				0	0	0	0	9
10	73	39	34	12	56				R	DNa	6:15a	R	2:55p	3:45p	R	5:20p	5:55p	R	6:38p	7:05p	.12				0	0	0	0	10
11	39	26	13	24	32				Sm	3:42p	4:10p										T				0	T	0	T	11
12	50	24	26	5	37																0				0	0	0	0	12
13	42	33	9	1	38				R	5:50a	6:05a	Sm	8:40a	10:30a	R	10:30a	Cont'd				2.62				0	T	0	T	13
14	40	24	16	6	32				R	Cont'd	7:15a	R	8:35a	9:30a	Sd	9:30a	11:00a	Sd	12:30p	5:30p	.06				0	T	0	T	14
15	36	21	15	4	28																0				0	0	0	0	15
16	53	30	23	14	42																0				0	0	0	0	16
17	58	39	19	6	48																0				0	0	0	0	17
18	53	35	18	4	44				R	11:10a	Cont'd										1.20				0	0	0	0	18
19	47	33	14	4	40				R	Cont'd	DNa										T				0	0	0	0	19
20	53	31	22	2	42																0				0	0	0	0	20
21	53	36	17	2	44																0				0	0	0	0	21
22	49	32	17	4	40																0				0	0	0	0	22
23	58	30	28	4	44																0				0	0	0	0	23
24	73	42	31	14	58				R	11:40a	11:50a	R	4:50p	8:20p							.20				0	0	0	0	24
25	65	36	29	8	50																0				0	0	0	0	25
26	74	48	26	11	61				R	4:40p	6:10p	R	7:05p	7:30p							.02				0	0	0	0	26
27	48	36	12	19	42				R	1:27p	1:30p										T				0	0	0	0	27
28	50	33	17	0	42																0				0	0	0	0	28
29	41	27	14	8	34				Sm	2:35p	3:30p	R	6:03p	7:40p							T				0	T	0	T	29
30	53	35	18	10	44																0				0	0	0	0	30
31	49	31	18	4	40																0				0	0	0	0	31
S	1540	911	629	236	1225		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.72		Total excess or deficiency since Jan. 1,		0	4.9	(a)	(a)	(a)
M	49.7	29.4	20.3	7.6	39.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

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SUMMARY FOR THE MONTH OF March, 1925.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.171	29.139	29.155	29.560	15	28.600	18	0.960	30.117	30.085	30.101	30.53	15	29.52	18	1.01
Corrected mean		29.150						Corrected mean		30.096					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
33.5	41.7	37.6	31.5	37.4	34.4	49.7	29.4	39.6	74	26	2	3	72	34	10	9	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
28.2	31.8	30.0	80.7	68.9	74.8	.164	.191	.178	1	0	16	0

CLOUDS.

Most frequent clouds: Alto-Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7651	10.3	S	47	SW	10	7	3	10	1	16	8	6	11	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.8	4.9	4.7	66	15	8	8	2	1	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			9, 10, 18, 24	10	15	0	8, 25	8, 25	6, 7, 23, 26	0	26	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.72	2.68	13-14	(1) 2.68 ~~2.62~~	(2) ~~13~~ 20 30	13-14 ~~13~~	0			5	9	7	3	2	14	6	2	4.9	0

(1) Amount estimated. (2) Duration estimated from 10:30 am of 13th to ~~12 midnight 13th~~ 7:00 am of 14th.

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Not compiled as automatic gage not in use until 4 pm 25th

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage in use after 4 pm of the 25th																				

* The duration is the time precipitation was actually recorded.

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Prepared by C. E. Russell

P. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	12 00 nm	11 00 am	71.5	28.881	.121	28.760	29.70	31.8	31.8	32	0	100	33.6	SW	12			.02	10	Nb	W	Lt. Snow	Ordered by Chicago	O.E.R.	1
13	2 00 pm	1 00 pm	71.0	29.136	.121	29.015	29.97	35.0	35.0	35	0	100	41.0	NE	13	22	NE	.60	10	Nb	E	Lt. Rain	Ordered by Chicago	P.M.D.	13
						Extremes of Pressure																			
						Highest																			
15	11 00 am	10 00 am				29.560	30.53	28.0																	15
						Lowest																			
18	8 30 pm	7 30 pm				28.600	29.52	45.0																	18

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of 1923, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							3	1	23	5	78	8	166	10					270	24
2									20	2	43	5	246	17					309	24
3									346	21	51	3							397	24
4											40	5	20	4	137	15			197	24
5	6	2	4	1	2	1	5	1	89	13					22	6			128	24
6					16	4	7	2	199	18									222	24
7					7	2	48	11	102	11									157	24
8	75	9	52	6							24	3	10	2	27	4			188	24
9			49	5	188	19													237	24
10									190	13	72	3	54	6	21	2			337	24
11													8	1	155	23			163	24
12	11	3			11	3	29	5	106	11					7	2			164	24
13	16	2	144	11	75	9	11	2											246	24
14	13	2			6	2					11	1	48	4	227	15			305	24
15							14	2	46	6	98	12	35	48					193	24
16							10	1	268	23									278	24
17					7	2	11	2	95	14	46	6							159	24
18	120	6	60	6	33	7			5	3					42	2			260	24
19											68	9	181	13	46	2			295	24
20									206	14	50	8	18	2					274	24
21	12	3							36	2	129	7	44	2	143	10			364	24
22	28	8	24	6	42	8	5	1							5	1			104	24
23					23	5	62	8	127	11									212	24
24									41	3	240	14			72	7			353	24
25	9	2					12	2	50	9	38	8	6	3					115	24
26									60	8	196	13	15	1	38	2			309	24
27													8	1	362	23			370	24
28															315	24			315	24
29	203	17	24	2											62	5			289	24
30	141	15	96	9															237	24
31	117	16	76	6											11	2			204	24
SUMS,	751	85	529	52	410	67	217	38	2009	187	1184	105	859	70	1692	145	0	0	7651	744
PERCENTAGE,	10	12	7		5	8	3	5	26	25	16	14	11	9	22	20	0	0	a	a
AVG. HOURLY VELOCITY,	8.8	a	10.2	a	6.6	a	5.7	a	10.7	a	11.3	a	12.3	a	11.7	a	0	a	10.3	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ----------; No. of wet thermometer in use, ----------; No. of maximum thermometer in use, ----------; No. of minimum thermometer in use, ----------

†Elevation above ground of the dry thermometer, ---------- feet; rain gage, ---------- feet; anemometer, ---------- feet.

If the office has been moved during the month, give date ----------; amount of change in height of barometer, ---------- feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911. 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun street & room & 911-12 Tri-State Bldg.; first observation taken in present office, 7:am m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.294	.124	29.170	30.11	34.0	31.0	27	72	.143	46.0	30.5	NW	8			0	0	0	0	Clear		P.M.L.	1
2	74.0	29.174	.129	29.045	29.98	38.5	33.0	24	56	.124	50.6	35.8	N	9			0	0	0	0	Clear		P.M.L.	2
3	73.5	29.360	.128	29.232	30.16	40.0	38.0	35	84	.203	55.2	36.6	E	3			0	0	0	0	Clear		P.M.L.	3
4	73.5	29.364	.128	29.236	30.17	40.5	37.5	34	76	.195	56.4	39.6	N	7			0	5	a st	W	Pt Cloudy		P.M.L.	4
5	72.0	29.548	.125	29.423	30.37	30.0	25.7	17	54	.089	48.3	27.0	NE	14			0	0	0	0	Clear		P.M.L.	5
6	70.5	29.567	.121	29.446	30.40	33.6	30.6	26	72	.136	43.4	28.2	E	10			0	0	0	0	Clear		P.M.L.	6
7	72.0	29.450	.125	29.325	30.26	36.6	31.6	24	57	.124	58.0	33.4	E	5			0	0	0	0	Clear		P.M.L.	7
8	74.0	29.464	.130	29.334	30.27	47.0	39.0	28	47	.156	67.0	45.0	E	8			0	1	a st	SW	Clear		P.M.L.	8
9	76.0	29.274	.134	29.140	30.07	40.0	36.0	31	68	.172	56.3	38.5	E	7			0	9	a st	W	Cloudy		P.M.L.	9
10	73.5	28.956	.127	28.829	29.74	47.8	45.3	43	83	.277	57.4	46.7	N	8			.43	10	st cu	N	Cloudy		P.M.L.	10
11	73.0	29.032	.125	28.907	29.84	46.0	41.3	36	67	.211	59.0	41.0	S	6			0	3 4	a cu st cu	W S	Pt Cloudy		P.M.L.	11
12	73.0	29.192	.126	29.066	30.00	43.0	39.0	34	70	.195	58.0	39.6	SE	8			0	0	0	0	Clear		P.M.L.	12
13	73.5	29.230	.128	29.102	30.03	42.3	37.3	30	62	.164	69.2	39.0	E	7			0	0	0	0	Clear		P.M.L.	13
14	74.0	29.128	.129	28.999	29.92	56.0	54.5	53	91	.402	72.8	53.4	SW	9	36	W	.23	8	st cu	W	Cloudy		P.M.L.	14
15	75.0	29.292	.132	29.160	30.09	45.0	43.0	41	86	.256	62.5	44.7	NW	10			T	10	st cu	NW	Cloudy		P.M.L.	15
16	73.0	29.500	.127	29.373	30.31	44.0	38.3	31	59	.172	52.0	39.4	S	5			0	0	0	0	Clear		P.M.L.	16
17	73.0	29.308	.126	29.182	30.11	52.0	45.0	37	58	.219	58.2	47.8	S	9			T	10	st	S	Cloudy		P.M.L.	17
18	72.5	29.200	.125	29.075	30.01	47.8	44.8	42	80	.266	54.2	47.4	E	6			0	10	st	E	Cloudy		P.M.L.	18
19	71.5	28.770	.120	28.650	29.56	47.4	45.0	43	84	.277	63.6	47.4	NE	16			T	4	a cu	W	Pt Cloudy		P.M.L.	19
20	70.0	29.384	.119	29.265	30.20	38.0	37.0	36	91	.211	48.0	38.0	NE	13			T	10	Nb	NE	Sprinkling		P.M.L.	20
21	70.0	29.500	.119	29.381	30.33	40.0	34.5	27	57	.143	44.5	36.7	N	8			0	10	st cu	N	Cloudy		P.M.L.	21
22	73.0	29.242	.126	29.116	30.05	55.0	54.0	53	94	.402	55.0	50.9	E	3			.23	4 1	a cu st cu	W SE	Pt Cloudy		P.M.L.	22
23	74.5	29.234	.130	29.104	30.01	68.0	63.3	61	77	.536	71.2	64.9	SW	6			0	0	0	0	Clear		P.M.L.	23
24	78.5	29.248	.141	29.107	30.02	68.8	63.1	60	73	.517	79.7	66.7	S	10			0	3	ci st	W	Clear		P.M.L.	24
25	81.0	29.264	.148	29.116	30.03	66.3	60.8	57	73	.465	81.7	60.2	SW	6			0	4	a st	W	Pt. Cloudy		P.M.L.	25
26	79.0	29.260	.142	29.118	30.04	59.0	57.0	56	89	.448	70.4	56.6	S	8			0	1	a st	W	Clear		P.M.L.	26
27	79.0	29.368	.142	29.226	30.15	48.2	44.2	40	73	.247	67.0	47.7	N	10			0	8 2	a st st	W NE	Cloudy		P.M.L.	27
28	75.5	29.366	.133	29.233	30.16	42.2	36.7	29	59	.157	57.0	39.3	NE	16			0	2	a st	SW	Clear		P.M.L.	28
29	73.5	28.978	.127	28.851	29.78	43.2	40.1	36	77	.211	53.6	43.1	E	10			T	10	Nb	E	Sprinkling		P.M.L.	29
30	73.5	28.906	.127	28.779	29.71	40.0	38.2	36	86	.211	41.4	37.4	NE	3			T	3	St. cu.	NE	Clear		P.M.L.	30
31																								31
Sums	(a)	(a)		873.99	901.88	1380.2	1264.8	1127	2175	7.323	(a)	(a)	(a)	248	(a)	(a)	0.89	132	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.133	30.063	46.0	42.2	37.6	72.5	.244	(a)	(a)	(c) E	8.3	(a)	(a)	(a)	4.4	U ast. L St. cu.	U W L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of Sept 06, 1905

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	73.0	29.135	.126	29.009	29.95	50.6	42.3	32	49	.180	57.2	34.0	NW	12			0	0	0	0	Clear			OER	1
2	74.0	29.228	.129	29.099	30.04	55.2	46.2	36	49	.211	60.5	38.5	NE	8			0	1	St cu	NE	Clear			OER	2
3	73.5	29.303	.128	29.175	30.11	56.4	47.4	38	50	.228	59.8	40.0	E	2			0	5 3	ci st Lt Smoke	W E	Pt Cloudy			OER	3
4	74.5	29.421	.131	29.290	30.23	48.3	39.5	28	44	.150	56.7	40.5	NE	14			0	1	a st	W	Clear			OER	4
5	72.0	29.540	.125	29.415	30.38	43.4	34.4	20	36	.103	50.3	30.0	E	10			0	0	0	0	Clear			PMcD	5
6	74.5	29.417	.131	29.286	30.23	58.0	43.0	22	24	.113	62.7	33.6	E	5			0	0	0	0	Clear			PMcD	6
7	74.0	29.356	.129	29.227	30.16	67.0	48.0	25	20	.130	73.4	36.6	NW	4			0	4	St. cu.	NW	Pt. Cloudy			PMcD	7
8	75.0	29.400	.133	29.267	30.21	56.3	44.3	30	35	.164	66.9	47.0	NE	9			0	10	St	NE	Cloudy			PMcD	8
9	73.0	28.999	.125	28.874	29.80	57.4	52.2	48	71	.334	65.0	40.0	E	7			T	10	Nb	SE	Lt. Rain			OER	9
10	73.0	29.011	.125	28.886	29.81	59.0	49.3	40	49	.247	64.7	47.8	NW	7			.02	2	St cu	NW	Clear			OER	10
11	74.5	29.035	.129	28.906	29.84	58.0	45.8	32	37	.180	77.2	46.0	W	7	29	SW	0	Flur 1	a st St	W NW	Clear			OER	11
12	76.5	29.106	.135	28.971	29.90	69.2	54.2	41	36	.256	75.9	43.0	SW	7			0	4	a cu	NW	Pt Cloudy			PMcD	12
13	74.0	28.944	.128	28.816	29.73	72.8	58.5	48	42	.334	78.8	42.3	S	13	25	S	0	10	cu	SW	Cloudy			OER	13
14	75.5	29.085	.132	28.953	29.87	62.5	57.5	54	74	.417	71.2	56.0	S	5			.10	8	Nb	W	Lt. Rain			OER	14
15	76.0	29.433	.135	29.298	30.24	52.0	41.7	28	40	.150	56.3	44.6	W	5			0	3	St cu	NW	Clear			OER	15
16	74.5	29.382	.131	29.251	30.18	58.2	43.7	24	26	.124	61.4	44.0	W	2			0	2	a st	NW	Clear			OER	16
17	73.0	29.220	.126	29.094	30.02	54.2	46.4	39	55	.237	57.3	48.6	E	3			.05	4	a cu	NW	Pt Cloudy			OER	17
18	72.5	28.907	.124	28.783	29.70	55.3	52.8	51	85	.373	58.2	47.8	E	10			.21	6	a st	SW	Pt Cloudy			OER	18
19	72.0	29.036	.123	28.913	29.84	48.0	47.0	46	93	.310	68.6	46.0	W	11	35	SW	T	10	Nb	W	St. Rain			PMcD	19
20	72.0	29.463	.125	29.338	30.29	44.5	35.2	20	36	.103	55.1	37.5	NE	18	27	E	T	4	ci st	W	Pt. Cloudy			OER	20
21	72.5	29.312	.125	29.187	30.12	53.3	52.8	52	97	.387	60.2	36.6	S	9			.42	10	Nb	S	Lt. Rain			OER	21
22	72.5	29.103	.124	28.979	29.90	68.4	61.7	58	69	.482	77.3	55.0	S	17			T	7 2	ci cu a cu	W W	Cloudy			OER	22
23	79.0	29.195	.142	29.053	29.96	79.7	67.5	61	53	.536	86.1	68.0	S	8			0	2 2	ci st a st	W W	Pt Cloudy			OER	23
24	82.5	29.163	.151	29.012	29.91	81.7	65.2	56	41	.448	88.2	68.8	S	11	25	S	0	1 3	ci st a st	W W	Pt. Cloudy			OER	24
25	80.0	29.243	.145	29.098	30.01	70.4	62.6	58	65	.482	74.8	66.3	SW	4			0	3 2	a st cu	SW W	Pt Cloudy			OER	25
26	81.0	29.216	.147	29.069	29.99	67.0	56.0	48	50	.334	80.4	59.0	NW	10			0	1 1	a st St cu	W NW	Clear			PMcD	26
27	77.0	29.306	.137	29.169	30.10	57.0	46.2	34	42	.195	59.9	48.2	N	6			0	9	a st	W	Cloudy			OER	27
28	74.5	29.243	.130	29.113	30.04	53.6	43.8	32	44	.180	59.7	42.2	NE	8			0	7	a st	SW	Pt Cloudy			OER	28
29	73.5	28.907	.127	28.780	29.71	41.4	39.8	38	87	.228	45.2	37.5	E	2			.49	9	St. cu.	SW	Cloudy			C.E.S.	29
30	73.0	29.006	.125	28.881	29.81	49.1	44.6	40	71	.247	53.2	40.0	NE	7			T	3 6	a st. cu.	W NE	Cloudy			D.E.R	30
31																									31
Sums		(a)	(a)	872.192	900.08	1747.9	1469.6	1179	1570	7.863	(a)	(a)	(a)	241	(a)	(a)	1.29	153	(a)	(a)	(a)	0	0	(b)	(a)
Means		(a)	(a)	29.073	30.003	58.3	49.0	39.3	52.3	.262	(a)	(a)	(c) E	8.0	(a)	(a)	(a)	5.7	U a st L St cu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1925

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday	57	30	27	4	44																0				0	0	0	0	1
2	60	36	24	4	48																0				0	0	0	0	2
3	60	37	23	0	48																0				0	0	0	0	3
4	57	33	24	3	45																0				0	0	0	0	4
5	50	27	23	7	38																0				0	0	0	0	5
6	63	28	35	8	46																0				0	0	0	0	6
7	73	33	40	7	53																0				0	0	0	0	7
8	67	45	22	3	56																0				0	0	0	0	8
9	65	38	27	4	52				R	3:30p	4:50p	R	6:35p	DNp							.43				0	0	0	0	9
10	65	47	18	4	56				R	7:15a	9:25a										.02				0	0	0	0	10
11	77	41	36	3	59																0				0	0	0	0	11
12	76	40	36	1	58																0				0	0	0	0	12
13	79	39	40	1	59				R	7:10p	7:40p	R	8:05p	DNp							.23				0	0	0	0	13
14	71	53	18	3	62				R	8:45a	9:00a	R	10:50a	11:15a	R	5:56p	6:55p				.10				0	0	0	0	14
15	57	44	13	12	50																0				0	0	0	0	15
16	61	39	22	0	50																0				0	0	0	0	16
17	57	48	9	2	52				R	DNa	DNa	R	6:30a	6:36a	R	7:35a	12:10p				.05				0	0	0	0	17
18	58	47	11	0	52				R	10:30a	12:45p										.21				0	0	0	0	18
19	69	43	26	4	56				R	4:30a	4:50a	R	6:15p	DNp							T				0	0	0	0	19
20	55	37	18	10	46				R	DNa	7:10a										T				0	0	0	0	20
21	60	37	23	2	48				R	7:04a	7:55a	R	1:40p	DNp							.65				0	0	0	0	21
22	77	51	26	16	64				R	4:10p	4:25p										T				0	0	0	0	22
23	86	65	21	12	76																0				0	0	0	0	23
24	88	66	22	1	77																0				0	0	0	0	24
25	75	60	15	9	68																0				0	0	0	0	25
26	80	56	24	0	68																0				0	0	0	0	26
27	60	48	12	14	54																0				0	0	0	0	27
28	60	39	21	4	50																0				0	0	0	0	28
29	47	38	9	8	42				R	6:10a	2:40p	R	4:35p	5:50p	R	7:15p	8:10p				.49				0	0	0	0	29
30	53	37	16	3	45				R	5:10p	5:20p	R	8:45p	DNp							.03				0	0	0	0	30
31																													31
S	1963	1282	681	149	1622		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.21		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	65.4	42.7	22.7	5.0	54.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF April, 1925.

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.133	29.073	29.103	29.450	6	28.590	19	0.860	30.063	30.003	30.033	30.41	6	29.50	19	0.91
Corrected mean		29.098						Corrected mean		30.028					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
46.0	58.3	52.2	42.2	49.0	45.6	65.4	42.7	54.0	88	24	27	5	61	40	7	9	29

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)
37.6	39.3	38.4	72.5	52.3	62.4	.244	.262	.253

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	3	0

Clouds.

Most frequent clouds: Cirro-Stratus.

Most frequent direction upper clouds: West.

Most frequent direction lower clouds: Southwest Northeast.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6461	9.0	E	36	W	13	6	11	16	1	11	5	4	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.4	5.1	4.5	70	12	9	9	0	2	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
16	7	1,5,6	13,18,21	0	3,4,8,11, 27,28	3,8,	0	0	0	0	3	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.21	0.65	21	0			0			3	9	4	3	0	12	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.11, date 9"; 10 minutes 0.14, date 9"; 15 minutes 0.15, date 9"

30 minutes 0.18, date 9"; 1 hour 0.33, date 9'; 2 hours 0.42, date 9"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
none during month																				

* The duration is the time precipitation was actually recorded.

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Prepared by O.E. Russell

O.E. Russell, Observer, Weather Bureau.
In charge Temporarily.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
29	12.00 noon	11.00 am	74.5	28.906	.129	28.777	29.71	40.1	39.6	39	1	96	45.2	SW	6			.34	10	Nb	SW	Lt. Rain	Ordered by Chicago	DCK	29
				Extremes of Pressure. Highest																					
6"	7.30 am	6.30 am				29.450	30.41	31.0																	6"
					Lowest																				
19"	4.45 am	3.45 am				28.590	29.50	63.0																	19"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* 90TH *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	107	11													129	13			236	24
2	71	8	94	9	20	4									24	3			209	24
3			50	7	57	17													107	24
4	40	8	227	16															267	24
5			247	17	71	7													318	24
6			44	5	150	18	6	1											200	24
7	5	3	10	2	23	7					16	3	26	5	18	4			98	24
8	17	4	181	17	27	3													225	24
9	13	2	110	14	39	6							18	2					180	24
10	44	7	27	5	3	1	3	1	4	1	22	3	7	1	29	5			139	24
11	5	1	7	2					66	7	76	4	22	3	96	7			272	24
12	23	3	30	2	26	4	19	3	51	4	96	8							245	24
13					94	10	43	4	113	8	13	1	21	1					284	24
14							3	1	140	18	28	4			8	1			179	24
15	25	3									21	3	84	8	86	10			216	24
16			5	1	15	4	6	2	28	5	10	1	79	11					143	24
17			4	1	36	10	7	2	76	8	11	2			2	1			136	24
18					184	23	9	1											193	24
19	12	1	24	2	22	3			50	5	40	2	82	5	59	6			289	24
20	18	2	330	21	15	1													363	24
21	9	1	16	1	152	18	27	3	7	1									211	24
22	10	1			29	7			144	12	22	2	11	2					216	24
23									86	9	157	15							243	24
24									229	18	50	4	5	1	5	1			289	24
25									10	2	109	17	53	5					172	24
26									27	4	100	10	4	1	84	9			215	24
27	185	18													41	6			226	24
28	96	7	174	14	27	3													297	24
29			10	1	97	13	8	2	26	5	27	3							168	24
30	52	8	34	6			2	1	17	5			9	2	11	2			125	24
31																				
SUMS,	732	88	1624	143	1087	159	133	21	1074	112	798	82	421	47	592	68	0	0	6461	720
PERCENTAGE,	11	12	25	20	17	22	2	3	17	16	12	11	7	7	9	9	0	0	a	a
AVG. HOURLY VELOCITY,	8.3	a	11.4	a	6.8	a	6.3	a	9.6	a	9.7	a	9.0	a	8.7	a	0	a	9.0	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun streets rooms 911-12 Tri State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1925.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	28.976	.128	28.848	29.78	44.2	42.2	40	85	.247	49.1	41.6	W	9			.03	4 3	a cu st cu	NW W	Pt Cloudy		OER	1
2	72.5	29.071	.124	28.947	29.88	39.4	35.0	29	65	.157	47.5	34.2	W	10			0	0	0	0	Clear		OER	2
3	70.5	28.900	.119	28.781	29.70	47.2	41.7	35	63	.203	54.0	43.5	S	10			0	5 3	a st st	SW S	Cloudy		OER	3
4	70.0	28.798	.117	28.681	29.60	46.0	43.7	41	84	.256	55.0	44.5	N	9			.05	8	cu	SW	Cloudy		OER	4
5	73.0	29.180	.126	29.054	29.99	41.1	38.6	35	80	.203	43.0	39.0	SW	5			T	10	st	W	Cloudy		OER	5
6	69.5	29.233	.117	29.116	30.06	41.4	38.9	35	80	.203	47.0	37.3	SW	6			.01	6	a cu	W	Pt Cloudy		OER	6
7	71.0	29.312	.121	29.191	30.12	41.2	37.7	33	73	.187	45.3	36.9	S	11			0	0	0	0	Clear		OER	7
8	73.0	29.292	.126	29.166	30.10	46.0	39.6	31	57	.172	53.1	41.5	W	1			0	7	st	SW	Pt cloudy		OER	8
9	71.5	29.223	.122	29.101	30.03	52.1	43.2	33	47	.187	59.1	47.5	E	4			0	1	a cu	W	Clear		OER	9
10	71.5	29.147	.122	29.025	29.94	57.5	54.9	53	85	.402	64.7	55.2	S	4			0	7	st cu	SW	Pt Cloudy		OER	10
11	72.0	29.435	.125	29.310	30.25	42.4	36.2	28	54	.150	65.7	40.3	N	17			0	2	ci st	W	Clear		OER	11
12	73.5	29.414	.129	29.285	30.22	46.8	39.8	31	54	.172	58.0	39.7	NE	2			0	0	0	0	Clear		OER	12
13	73.0	29.200	.126	29.074	29.99	54.3	46.3	38	54	.228	66.0	47.5	S	6			0	3	ci st	W	Clear		OER	13
14	73.0	29.215	.126	29.089	30.01	54.2	51.0	49	81	.347	69.0	52.2	N	12			0	1 1	a st st cu	W N	Clear		OER	14
15	72.0	29.424	.125	29.299	30.24	46.5	42.0	36	69	.211	60.0	40.6	E	6			0	0	0	0	Clear		OER	15
16	71.0	29.203	.121	29.082	30.00	60.8	52.4	45	57	.298	66.5	47.6	SE	12			T	4 5	a st cu	N SW	Cloudy		OER	16
17	71.0	29.388	.122	29.266	30.21	42.0	39.8	37	83	.219	68.0	40.1	NW	12			.04	10	st cu	NW	Cloudy		OER	17
18	68.0	29.405	.114	29.291	30.23	41.2	38.8	36	81	.211	47.8	38.7	E	1			0	7	a st	W	Pt Cloudy		OER	18
19	68.0	29.335	.113	29.222	30.15	50.2	43.8	36	60	.211	60.7	43.4	S	6			0	0	0	0	Clear		OER	19
20	69.5	29.238	.117	29.121	30.04	57.2	48.8	41	54	.256	70.0	51.8	S	8			0	3	a st	W	Clear		OER	20
21	70.0	29.077	.118	28.959	29.88	61.1	54.8	50	67	.360	70.4	57.4	SW	11			0	8	a cu	NW	Cloudy		OER	21
22	71.5	29.213	.122	29.091	30.01	52.8	48.4	44	73	.287	68.6	47.8	E	4			0	5	Lt Haze	—	Clear		OER	22
23	77.5	28.876	.137	28.739	29.63	78.1	64.3	56	47	.448	85.0	72.8	SW	17	25	SW	0	Few	cu	W	Clear		OER	23
24	77.0	28.937	.136	28.801	29.71	38.8	38.0	37	93	.219	82.0	38.8	N	18			T	10	Nb	N	Lt. Rain		OER	24
25	68.0	29.258	.113	29.145	30.08	39.4	35.4	30	68	.164	42.0	32.7	NW	8			0	0	0	0	Clear		OER	25
26	67.0	29.493	.111	29.382	30.32	47.2	41.7	35	63	.203	49.0	40.5	NE	4			0	0	0	0	Clear		OER	26
27	68.5	29.531	.115	29.416	30.36	52.8	44.8	36	53	.211	59.6	42.3	E	1			0	Few 4	ci st Lt. Smoke	W E	Clear		OER	27
28	68.5	29.339	.115	29.224	30.14	54.8	48.3	42	62	.266	62.0	48.9	S	5			0	8	a cu	W	Cloudy		OER	28
29	70.0	29.291	.119	29.172	30.09	58.0	53.3	50	74	.360	71.4	53.1	W	5			T	Few	a st	NW	Clear		OER	29
30	72.0	29.338	.124	29.214	30.13	59.1	53.1	48	68	.334	70.0	51.6	NE	1			0	3	ci st	NW	Clear		OER	30
31	75.0	29.246	.132	29.114	30.02	64.4	55.7	49	58	.347	78.6	59.5	S	8			0	4	ci st	NW	Pt Cloudy		OER	31
Sums		(a)	(a)	902.206	930.91	1558.2	1392.2	1219	2092	7.719	(a)	(a)	(a)	233	(a)	(a)	0.13	123	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.103	30.029	50.3	44.9	39.3	67.5	.249	(a)	(a)	(c) S	7.5	(a)	(a)	(a)	4.0	U a. st. L St. cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. † By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 1925

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.0	28.987	.131	28.856	29.79	47.5	40.0	30	50	.164	57.4	44.2	W	10			0	1	ast	SW	Clear			P.M.C.D.	1
2	72.0	28.992	.123	28.869	29.80	54.0	45.0	35	48	.203	59.0	39.4	NW	5			0	3	ast	W	Clear			P.M.C.D.	2
3	70.0	28.800	.117	28.683	29.60	55.0	48.8	43	64	.277	69.8	47.2	NW	15	33	SW	.11	2 3	cu cu Nb	W NW	Pt Cloudy			O.E.R.	3
4	72.0	29.012	.123	28.889	29.82	43.0	40.0	36	78	.211	51.3	42.6	NW	9			.15	9	St cu	NW	Cloudy			P.M.C.D.	4
5	72.0	29.210	.124	29.086	30.03	47.0	41.0	34	60	.195	49.0	41.1	SW	5			.03	10	St cu	N	Cloudy			P.M.C.D.	5
6	72.5	29.294	.125	29.169	30.10	45.3	39.8	33	61	.187	52.0	41.4	W	8	25	NW	T	2 1	ast St cu	W W	Clear			P.M.C.D.	6
7	73.0	29.274	.126	29.148	30.08	53.1	42.6	29	40	.157	57.9	41.2	NW	6			0	3	ac cu	W	Clear			O.E.R.	7
8	72.5	29.191	.125	29.066	30.00	59.1	48.3	38	44	.228	64.5	46.0	NW	8			0	10	ast	NW	Cloudy			O.E.R.	8
9	72.5	29.113	.124	28.989	29.91	64.7	55.2	48	55	.334	68.7	52.1	SE	7			0	10	ast	W	Cloudy			O.E.R.	9
10	72.5	29.140	.125	29.015	29.94	65.7	56.5	50	57	.360	70.7	57.5	NW	9			T	5 3	cu cu Nb	W W	Cloudy			O.E.R.	10
11	76.0	29.400	.135	29.265	30.20	58.0	48.0	38	47	.228	60.9	42.4	N	3			0	2	Ci St	NW	Clear			P.M.C.D.	11
12	76.0	29.220	.134	29.096	30.03	66.0	50.0	33	29	.187	69.4	46.8	SW	2			0	1	ast	W	Clear			P.M.C.D.	12
13	74.0	29.092	.128	28.964	29.88	69.0	53.0	38	32	.228	73.1	54.3	NW	4			0	8 2	ast St	W NW	Cloudy			P.M.C.D.	13
14	75.0	29.266	.132	29.134	30.06	60.0	54.0	49	68	.347	68.4	54.2	E	9			0	2	St cu	NE	Clear			P.M.C.D.	14
15	73.0	29.362	.126	29.236	30.17	66.5	51.5	37	34	.219	70.4	46.5	E	4			0	7	ast	W	Pt Cloudy			P.M.C.D.	15
16	74.0	29.032	.128	28.904	29.81	68.0	64.0	62	81	.555	80.0	60.8	W	18	34	S	.01	5	St cu	W	Pt Cloudy			P.M.C.D.	16
17	70.5	29.393	.121	29.272	30.21	47.8	42.3	36	63	.211	50.6	42.0	N	4			0	2 Few	Ci St St cu	W N	Clear			O.E.R.	17
18	70.5	29.274	.120	29.154	30.08	60.7	50.7	42	50	.266	63.0	41.2	W	6			0	3	ast	NW	Clear			P.M.C.D.	18
19	72.0	29.256	.124	29.132	30.05	70.0	55.0	42	37	.266	75.0	57.2	S	6			0	1	ast	W	Clear			P.M.C.D.	19
20	72.0	29.096	.123	28.973	29.89	70.4	55.2	42	37	.266	73.9	57.2	S	8			0	3	ast	NW	Clear			P.M.C.D.	20
21	74.0	29.158	.129	29.029	29.95	68.6	62.6	59	72	.499	81.0	61.1	E	8			T	1	ast	W	Clear			P.M.C.D.	21
22	77.5	28.908	.137	28.771	29.67	85.0	69.0	61	44	.536	90.2	52.8	SW	15	25	S	0	5	Ci St	NW	Pt Cloudy			P.M.C.D.	22
23	83.5	28.770	.152	28.618	29.50	82.0	64.4	54	38	.417	88.9	78.1	W	14	27	SW	T	2 4	Ci St cu	W W	Pt Cloudy			P.M.C.D.	23
24	73.0	29.091	.125	28.966	29.91	42.0	35.0	25	48	.130	42.9	35.7	N	10	29	NE	.08	Few	ast	NW	Clear			O.E.R.	24
25	69.0	29.354	.116	29.238	30.17	49.0	42.5	35	58	.203	50.2	39.4	N	4			0	8	St cu	N	Cloudy			P.M.C.D.	25
26	71.0	29.480	.122	29.358	30.30	59.6	49.3	39	47	.237	62.2	47.2	NE	3			0	1	ast	W	Clear			P.M.C.D.	26
27	70.0	29.388	.119	29.269	30.21	62.0	51.0	41	46	.256	64.4	52.8	E	2			0	8 2	ast St	W E	Cloudy			P.M.C.D.	27
28	72.0	29.204	.124	29.080	30.00	71.4	58.4	49	45	.347	74.3	54.8	S	8			T	2 6	ast cu	W SW	Cloudy			P.M.C.D.	28
29	74.0	29.286	.129	29.157	30.08	70.0	57.4	48	46	.334	75.4	58.0	NW	8			0	1	ast	W	Clear			P.M.C.D.	29
30	77.0	29.254	.137	29.117	30.03	78.6	56.8	38	23	.228	82.7	59.1	SW	3			0	2	Ci St	NW	Clear			O.E.R.	30
31	81.0	29.115	.147	28.968	29.87	82.8	62.8	50	31	.360	88.7	64.4	S	10			0	1	Ci St	NW	Clear			O.E.R.	31
Sums	(a)	(a)	(a)	900.471	929.14	1921.8	1590.1	1294	1533	8636	(a)	(a)	(a)	231	(a)	(a)	0.38	141	(a)	(a)	(a)	0	0	(v)	(a)
Means	(a)	(a)	(a)	29.047	29.972	62.0	51.3	41.7	49.5	.279	(a)	(a)	(c) NW	7.5	(a)	(a)	(a)	4.5	U ast St L St cu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1925

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 a. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	57	39	18	3	48																0				0	0	0	0	1
2	59	34	25	2	46																0				0	0	0	0	2
3	70	44	26	11	57				R	8:50a	9:30a	R	2:20p	2:30p	R	5:10p	5:20p	R	5:57p	6:30p	.11				0	0	0	0	3
4	51	40	11	11	46				R R	DNa 1:50p	5:05a 3:30p	R R	7:25a DNP	9:30a Contd	R	1:40p	2:30p	R	3:35p	6:05p	.20				0	0	0	0	4
5	49	39	10	2	44				R R	6:20a 12:45p	6:30a 1:15p	R	11:03a	11:32a	R+Sl	11:32a	11:36a	R	11:36a	12:03p	.03				T	0	0	0	5
6	52	37	15	0	44				R	Contd	DNa	R	9:04a	9:17a	R	10:45a	11:25a	R	11:58a	12:15p	.01				0	0	0	0	6
7	58	37	21	4	48																0				0	0	0	0	7
8	64	42	22	5	53																0				0	0	0	0	8
9	69	48	21	5	58																0				0	0	0	0	9
10	71	55	16	5	63				R	4:45p	4:55p										T				0	0	0	0	10
11	61	40	21	13	50																0				0	0	0	0	11
12	69	39	30	4	54																0				0	0	0	0	12
13	73	48	25	6	60																0				0	0	0	0	13
14	68	49	19	2	58																0				0	0	0	0	14
15	70	41	29	2	56																0				0	0	0	0	15
16	80	48	32	8	64				R R	8:05p 5:55a	9:00p 6:05a	R	7:15a	9:10a	R	10:54a	11:08a	R	3:45p	5:00p	.05				0	0	0	0	16
17	55	40	15	16	48																0				0	0	0	0	17
18	63	39	24	3	51																0				0	0	0	0	18
19	75	43	32	8	59																0				0	0	0	0	19
20	74	52	22	4	63																0				0	0	0	0	20
21	81	55	26	5	68				R	11:05a	11:17a										T				0	0	0	0	21
22	90	48	42	1	69																0				0	0	0	0	22
23	89	53	36	2	71				R	4:50p	4:51p										T				0	0	0	0	23
24	53	36	17	27	44				R	6:10a	8:50a	R	10:35a	12:05p	Sm	2:40p	4:10p				.08				0	T	0	T	24
25	50	33	17	2	42																0				0	0	0	0	25
26	62	40	22	9	51																0				0	0	0	0	26
27	64	42	22	2	53																0				0	0	0	0	27
28	74	49	25	9	62				R	9:55a	11:10a	R	3:52p	4:00p	R	7:43p	8:30p				T				0	0	0	0	28
29	75	53	22	2	64																0				0	0	0	0	29
30	83	52	31	4	68																0				0	0	0	0	30
31	89	60	29	6	74																0				0	0	0	0	31
S	2098	1375	723	183	1736		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.48		Total excess or deficiency since Jan. 1,		T	T	(a)	(a)	(a)
M	67.7	44.4	23.3	5.9	56.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF May, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.103	29.047	29.075	29.440	27	28.590	3	0.850	30.029	29.972	30.000	30.38	27	29.48	23	0.90
Corrected mean		29.070						Corrected mean		29.995					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
50.3	62.0	56.2	44.9	51.3	48.1	67.7	44.4	56.0	90	22	33	25	57	42	22	10	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)
39.3	41.7	40.5	67.5	49.5	58.5	.249	.279	.264

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	1	0	0

CLOUDS.

Most frequent clouds: Alto-Stratus-

Most frequent direction upper clouds: W.

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6222	8.4	S	34	S	16	8	4	9	2	12	8	9	10	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.0	4.5	5.2	65	11	11	9	0	0	6

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
2, 7, 12, 18, 26, 27	25	0	3, 16, 21	0	2, 8, 11, 13, 15, 18, 27, 28, 9, 23	2, 6	0	0	22,	0	27	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.48	0.30	3-4	0			0			4	6	4	0	0	10	1	0	T	0

(w) Maximum precipitation in 5 minutes 0.07, date 3; 10 minutes 0.07, date 3; 15 minutes 0.07, date 3

30 minutes 0.07, date 3, 4, 24; 1 hour 0.08, date 4, 24; 2 hours 0.10, date 3

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None.													

* The duration is the time precipitation was actually recorded.

8—154

Prepared by C. E. Russell

C. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure. HIGHEST.																			
27	6 30 am	5 30 am				29.440	30.38	46.0																	27
						LOWEST																			
3	4 30 pm	3 30 pm				28.590	29.50	70.0																	3
23	6 00 pm	5 00 pm				28.600	29.48	85.0																	23

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Hughes, Ariz., for the Month of May 1923, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											19	2	271	20	11	2			301	24
2	6	2	5	3							20	2	182	16	5	1			218	24
3					4	1	4	1	147	12	61	5	20	3	14	2			250	24
4	16	2	18	2					10	2	14	3	60	7	79	8			197	24
5	5	1									64	9	96	13	8	1			173	24
6									8	1	90	10	83	10	41	3			222	24
7									49	7	104	9	25	2	35	6			213	24
8	11	2	3	1	4	1			45	7	41	4	30	4	26	5			160	24
9	13	6			23	5	24	4	71	9									131	24
10									120	18					36	6			156	24
11	180	19	8	1											39	4			227	24
12	23	6	21	8					17	3	8	3			4	2	0	2	73	24
13	11	1					7	3	14	3	20	4	10	2	46	11			108	24
14	133	14	66	6	31	4													230	24
15			51	8	90	14	9	2											150	24
16			6	1	20	4	19	2	167	9	46	2	65	5	15	1			338	24
17	8	3			5	3							88	6	146	12			247	24
18	14	4	15	4	24	5							18	3	42	8			113	24
19									88	11	67	12			3	1			158	24
20									184	19	80	5							264	24
21			41	3	62	8			62	7	46	4			22	2			233	24
22			9	2	25	5	36	4	197	11	40	2							307	24
23	15	1	32	2							280	17	28	2	13	2			368	24
24	338	22	33	2															371	24
25	61	10	7	2											85	12			153	24
26	71	13	17	4	8	4									17	3			113	24
27					14	6	37	8	36	6					4	4			91	24
28							10	3	97	15	41	5	7	1					155	24
29													76	11	106	13			182	24
30	16	5	2	1	3	1	17	3	40	8	11	3			2	1	0	2	91	24
31									180	20	47	4							229	24
SUMS,	921	111	334	50	313	61	163	30	1534	168	1099	105	1059	105	799	110	0	4	6222	744
PERCENTAGE,	15	15	5	7	5	8	3	4	24	23	18	14	17	14	13	15	0	0	a	a
AVG. HOURLY VELOCITY,	8.3	a	6.7	a	5.1	a	5.4	a	9.1	a	10.5	a	10.1	a	7.3	a	0	a	8.4	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *192*5

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ----; No. of wet thermometer in use, ----; No. of maximum thermometer in use, ----; No. of minimum thermometer in use, ----

†Elevation above ground of the dry thermometer, ---- feet; rain gage, ---- feet; anemometer, ---- feet.

If the office has been moved during the month, give date ----; amount of change in height of barometer, ---- feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry and Calhoun street, room 911-12 Tri-State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	79.0	29.160	.142	29.018	29.91	73.0	62.0	55	54	.432	82.8	66.0	S	8			0	1	a st	W	Clear		P.M.C.	1
2	84.0	29.192	.155	29.037	29.93	75.0	65.0	60	59	.517	86.0	69.0	S	12			0	6	ci st	W	Pt Cloudy		P.M.C.	2
3	84.0	29.220	.155	29.065	29.96	76.0	66.0	61	59	.536	83.3	70.0	S	14			0	5 4	a st ci st	W W	Pt Cloudy		P.M.C.	3
4	86.0	29.390	.161	29.229	30.13	76.3	67.2	63	63	.575	86.3	71.6	S	9			0	4	a st	W	Cloudy		P.M.C.	4
5	89.0	29.462	.170	29.292	30.20	78.2	67.2	61	57	.536	90.5	73.9	S	5			0	1	a st	NW	Clear		P.M.C.	5
6	91.0	29.392	.174	29.218	30.12	77.5	63.0	54	44	.417	93.0	74.0	S	5			0	6	a cu	W	Pt Cloudy		P.M.C.	6
7	87.0	29.262	.163	29.099	30.01	68.0	65.0	63	85	.575	79.5	65.2	S	7	30	S	.41	10	n b	S	Sprinkling		P.M.C.	7
8	85.0	29.082	.157	28.925	29.82	73.0	67.0	64	73	.595	81.5	69.8	S	9			0	7	a st	W	Pt cloudy		P.M.C.	8
9	84.5	29.212	.156	29.056	29.97	68.6	59.1	53	57	.402	81.0	62.5	S	9			0	1	a st	W	Clear		P.M.C.	9
10	81.0	29.294	.148	29.146	30.06	57.0	50.0	44	61	.287	81.0	53.2	W	10			0	4	ci st	W	Pt Cloudy		P.M.C.	10
11	76.5	29.472	.137	29.335	30.27	54.0	46.2	38	55	.228	62.4	51.0	NE	14			0	3 1	a cu st cu	W E	Pt Cloudy		P.M.C.	11
12	75.0	29.214	.132	29.082	29.99	65.0	56.0	49	57	.347	72.7	56.0	SE	5			0	7	a cu	NW	Pt Cloudy		P.M.C.	12
13	81.5	29.080	.148	28.932	29.82	70.0	66.0	64	81	.595	87.3	68.9	SW	12	26	S	T	10	st cu	SW	Cloudy		P.M.C.	13
14	79.0	29.324	.142	29.182	30.10	70.2	67.8	66	88	.638	70.2	64.4	SW	6			T	8	st cu	SW	Cloudy		P.M.C.	14
15	81.0	29.280	.148	29.132	30.03	75.0	71.5	70	84	.732	82.0	71.0	SW	10			0	5 5	a cu st cu	W SW	Cloudy		P.M.C.	15
16	81.5	29.240	.149	29.091	30.00	70.2	66.8	65	84	.616	72.0	69.2	NE	9			0	9	st cu	NE	Cloudy		P.M.C.	16
17	79.5	29.120	.143	28.977	29.89	66.3	62.3	60	80	.517	70.7	59.6	SE	4			0	6 4	a st st	W SE	Cloudy		P.M.C.	17
18	80.0	29.130	.145	28.985	29.88	72.0	66.7	64	76	.595	78.2	69.6	W	10			0	7	a st	W	Pt Cloudy		P.M.C.	18
19	78.5	29.242	.141	29.101	30.01	63.4	58.0	55	72	.432	73.3	55.4	NE	4			0	1	st	NE	Clear		P.M.C.	19
20	79.5	29.217	.143	29.074	29.98	70.7	64.5	61	72	.536	78.0	64.4	NW	6			0	Few	a st	W	Clear		O.E.K.	20
21	82.0	29.284	.150	29.134	30.04	70.8	63.8	60	69	.517	83.0	65.9	N	7			0	0	0	0	Clear		P.M.C.	21
22	82.5	29.202	.151	29.051	29.96	70.0	60.8	55	59	.432	80.0	65.4	SW	7			0	9	st cu	SW	Cloudy		P.M.C.	22
23	80.0	29.144	.145	28.999	29.91	66.0	57.7	52	61	.387	72.6	64.0	NE	11			T	2 3	ci st cu	W NE	Pt cloudy		P.M.C.	23
24	78.5	29.096	.140	28.956	29.87	60.9	55.4	52	71	.387	71.5	59.4	E	9			0	10	st cu	E	Cloudy		P.M.C.	24
25	75.0	29.050	.131	28.919	29.83	60.9	58.9	58	89	.482	65.6	58.0	W	9			.03	3	cu	W	Clear		P.M.C.	25
26	72.5	29.136	.125	29.011	29.93	59.7	56.2	54	81	.417	65.1	52.6	SW	16			T	3	ci st	W	Clear		P.M.C.	26
27	74.5	29.158	.130	29.028	29.94	64.3	61.0	59	83	.499	74.6	61.7	W	8			0	1	cu	W	Clear		P.M.C.	27
28	75.0	29.260	.132	29.128	30.05	55.0	51.4	49	78	.347	69.8	51.3	NW	7			T	1	cu	NW	Clear		P.M.C.	28
29	75.0	29.330	.132	29.198	30.12	63.4	55.4	49	60	.347	74.0	60.4	NE	7			0	7	St. cu.	SW	Pt. Cloudy		P.M.C.	29
30	76.0	29.568	.135	29.433	30.36	61.0	52.5	45	56	.298	70.6	50.2	NE	7			0	8	Ci. St.	W	Cloudy		P.M.C.	30
31																								31
Sums		(a)	(a)	872.833	900.09	2031.4	1830.4	1703	2068	14.221	(a)	(a)	(a)	256	(a)	(a)	0.44	162	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.094	30.003	67.7	61.0	56.8	68.9	.474	(a)	(a)	(c) S	8.5	(a)	(a)	(a)	5.4	U Ci. St. L St. cu. ?	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

Number of Station barometer, 656; *sum of corrections,* —.009 *inch.*

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	86.5	29.064	.161	28.903	29.79	86.0	67.0	56	37	.448	90.9	73.0	S	13			.03	3	ci st	W	Clear			O.E.R.	1
2	86.5	29.155	.162	28.993	29.88	83.3	67.0	58	43	.482	88.8	75.0	S	11	28	S	0	7 2	a st a cu	W W	Cloudy			O.E.R.	2
3	88.0	29.241	.165	29.076	29.98	86.3	69.8	61	44	.536	91.3	76.0	S	8	28	S	0	8	ast	SW	Cloudy			O.E.R.	3
4	92.0	29.364	.177	29.187	30.09	90.5	68.5	56	32	.448	96.0	76.3	S	8			0	1	cist	NW	Clear			O.E.R.	4
5	93.0	29.367	.179	29.188	30.09	93.0	68.0	54	26	.417	97.2	78.2	SW	2			0	3	ast	NW	Clear			O.E.R.	5
6	91.0	29.220	.173	29.047	29.94	79.5	68.0	62	56	.555	96.2	77.5	S	17	29	S	T	10	nb	S	Lt. Rain			O.E.R.	6
7	88.5	29.084	.166	28.918	29.82	81.5	69.5	64	55	.595	84.2	68.0	SE	5			T	1 3	a cu cu	W W	Pt Cloudy			P.M.D.	7
8	86.5	29.086	.161	28.925	29.82	81.0	66.8	60	47	.517	87.8	73.0	S	9			0	6	ast	W	Pt Cloudy			O.E.R.	8
9	84.0	29.089	.155	28.934	29.83	81.0	60.0	44	28	.287	86.4	68.6	SW	13			0	7	Lt Haze	—	Clear			O.E.R.	9
10	79.5	29.380	.144	29.236	30.16	62.4	50.6	39	43	.237	65.9	57.0	NW	7			0	2	cist	NW	Clear			O.E.R.	10
11	77.0	29.304	.137	29.167	30.09	72.7	56.7	44	36	.287	74.7	54.0	SE	5			0	2 1	cist ast	SW SW	Clear			O.E.R.	11
12	85.0	29.047	.157	28.890	29.79	87.3	66.3	54	32	.417	92.1	65.0	S	16	29	S	0	1	ast	W	Clear			O.E.R.	12
13	80.0	29.140	.145	28.995	29.91	67.0	65.5	65	92	.616	77.2	66.4	S	6			.52	9	nb	SW	Lt. Rain			O.E.R.	13
14	82.5	29.334	.152	29.202	30.11	82.0	72.5	68	64	.684	85.4	72.2	SW	4			0	10	St cu	SW	Cloudy			P.M.D.	14
15	80.0	29.166	.145	29.021	29.92	71.6	68.7	68	87	.684	91.5	70.0	SW	9	33	SW	.18	3 5	a st cu	W W	Cloudy			O.E.R.	15
16	81.0	29.216	.147	29.069	29.98	70.7	62.2	57	62	.465	78.6	70.2	E	10			0	1	a st	W	Clear			O.E.R.	16
17	80.5	29.030	.145	28.885	29.79	78.2	71.7	69	73	.707	82.2	65.5	SW	16			.37	5 3	cu cu nb	W W	Cloudy			O.E.R.	17
18	80.5	29.155	.146	29.009	29.91	73.3	62.8	56	56	.448	79.3	72.0	NW	10			0	1 2	a cu St cu	W NW	Clear			O.E.R.	18
19	81.0	29.156	.147	29.009	29.92	78.0	64.7	57	49	.465	82.0	63.4	SW	5			0	Few	a cu	NW	Clear			O.E.R.	19
20	84.5	29.210	.156	29.054	29.96	83.0	69.0	62	50	.555	87.0	70.7	SW	6			0	1	cu.	SW	Clear			P.M.D.	20
21	85.0	29.260	.158	29.102	30.01	80.0	62.0	50	35	.360	86.0	70.8	NW	7			0	3	cist	NW	Clear			P.M.D.	21
22	80.5	29.082	.145	28.937	29.85	72.6	65.3	61	68	.536	79.2	70.0	NW	8			T	10	nb	NW	Lt. Rain			O.E.R.	22
23	80.0	29.181	.145	29.036	29.95	71.5	58.5	50	46	.360	79.4	66.0	NE	14			0	8	ast	W	Cloudy			O.E.R.	23
24	76.0	28.851	.132	28.719	29.62	65.6	65.6	66	100	.638	69.8	60.9	N	7			.22	10	nb	N	Hy. Rain			O.E.R.	24
25	74.5	29.125	.129	28.996	29.92	65.1	57.6	52	64	.387	67.2	60.9	NW	8			T	3 1	a cu cu	NW NW	Pt. Cloudy			O.E.R.	25
26	75.5	29.115	.132	28.983	29.90	74.6	61.2	53	46	.402	78.8	59.7	N	6			T	4 1	cist cu	W W	Pt Cloudy			O.E.R.	26
27	76.0	29.169	.134	29.035	29.96	69.8	60.6	54	59	.417	80.6	64.3	N	2	30	NW	T	6 3	cu cu nb	W W	Cloudy			O.E.R.	27
28	76.0	29.240	.134	29.106	30.03	74.0	62.0	54	51	.417	77.8	55.0	W	5			0	3	St cu	W	Clear			P.M.D.	28
29	78.5	29.412	.142	29.270	30.20	70.6	57.1	47	43	.322	78.7	63.4	NW	12			0	0	0	0	Clear			O.E.R.	29
30	77.5	29.476	.139	29.337	30.27	72.1	56.0	43	35	.277	75.4	61.0	E	5			0	8	ast	N	Cloudy			O.E.R.	30
31																									31
Sums		(a)	(a)	871.229	898.49	2304.2	1921.2	1684	1559	13966	(a)	(a)	(a)	254	(a)	(a)	1.32	150	(a)	(a)	(a)	0	0	(v)	(a)
Means		(a)	(a)	29.041	29.950	76.8	64.0	56.1	52.0	466	(a)	(a)	(c) S	8.5	(a)	(a)	(a)	5.0	U ast L cu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1925

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	91	66	25	4	78				R	1:22p	1:30p										.03				0	0	0	0	1
2	89	69	20	1	79																0				0	0	0	0	2
3	91	70	21	1	80																0				0	0	0	0	3
4	96	72	24	4	84																0				0	0	0	0	4
5	97	74	23	2	86																0				0	0	0	0	5
6	96	66	30	5	81				R	6:20p	DNp										.40				0	0	0	0	6
7	84	65	19	7	74				R	5:50a	7:35a										.01				0	0	0	0	7
8	88	70	18	5	79																0				0	0	0	0	8
9	86	62	24	5	74																0				0	0	0	0	9
10	66	53	13	14	60																0				0	0	0	0	10
11	75	51	24	3	63																0				0	0	0	0	11
12	92	56	36	11	74																0				0	0	0	0	12
13	78	65	13	2	72				R	5:55a	6:20a	R	8:30a	10:20a	R	3:40p	6:45p				.52				0	0	0	0	13
14	85	64	21	2	74																0				0	0	0	0	14
15	92	70	22	7	81				R	2:35p	3:55p										.18				0	0	0	0	15
16	79	62	17	11	70																0				0	0	0	0	16
17	82	60	22	1	71				R	8:26a	11:15a										.37				0	0	0	0	17
18	79	57	22	3	68																0				0	0	0	0	18
19	82	55	27	0	68																0				0	0	0	0	19
20	87	64	23	8	76																0				0	0	0	0	20
21	86	66	20	0	76																0				0	0	0	0	21
22	79	65	14	4	72				R	11:25a	12:05p	R	12:50p	1:10p	R	4:45p	7:05p				T				0	0	0	0	22
23	79	61	18	2	70																0				0	0	0	0	23
24	70	59	11	6	64				R	9:30a	11:00a	R	2:15p	7:15p							.25				0	0	0	0	24
25	67	55	12	3	61				R	1:20p	1:30p										T				0	0	0	0	25
26	79	53	26	5	66				R	DNa	DNa	R	8:15a	8:40a							T				0	0	0	0	26
27	81	59	22	4	70				R	4:20p	4:35p	R	6:25p	6:30p	R	7:30p	7:45p				T				0	0	0	0	27
28	78	51	27	6	64																0				0	0	0	0	28
29	79	56	23	4	68																0				0	0	0	0	29
30	75	50	25	6	62																0				0	0	0	0	30
31																													31
S	2488	1846	642	136	2165		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.76		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	82.9	61.5	21.4	4.5	72.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. ††T indicates trace of precipitation. ‡‡Enter the local standard time of observation. *Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.094	29.041	29.068	29.440	30	28.719	24	0.721	30.003	29.950	29.976	30.37	30	29.62	24	0.75
Corrected mean		29.064						Corrected mean		29.972					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
67.7	76.8	72.2	61.0	64.0	62.5	82.9	61.5	72.2	97	5	50	30	47	36	12	11	24

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
56.8	56.1	56.4	68.9	52.0	60.4	.474	.466	.470	0	7	0	0

Clouds.

Most frequent clouds: Alto-Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6747	9.4	S	33	SW	15	4	7	3	4	17	12	5	8	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.4	5.0	5.0	73	7	16	7	1	2	4

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	6, 13, 15, 17.	0	2, 3, 4, 5, 17, 23, 30	2, 3, 30	0	0	9	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.76	0.52	13	0		0	0		0	4	7	5	4	0	11	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.14, date 6"; 10 minutes 0.18, date 6"; 15 minutes 0.20, date 6"

30 minutes 0.22, date 6"; 1 hour 0.32, date 13"; 2 hours 0.50, date 13"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. M. Donough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1925.

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	2:00 pm	1:00 pm	84.0	29.114	.155	28.959	29.85	90.0	70.0	60	30	37	90.6	S	16	22	S	0	8	Cu	SW	Cloudy	Ordered by Chicago	P.M.D.	1
24	2:00 pm	1:00 pm	76.0	28.962	.133	28.829	29.73	69.0	65.4	64	5	83	69.8	E	8			T	10	St cu	E	Cloudy	Ordered by Chicago	P.M.D.	24
Extremes of pressure																									
Highest																									
30	10:45 am	9:45 am				29.440	30.37	68.0																	30
~~Lowest~~																									
~~24~~	~~8:00 pm~~	~~7:00 pm~~				~~28.719~~	~~29.62~~	~~65.6~~	~~(P.M. Obs.)~~																~~24~~

† The Wind vane self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* 90TH *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									280	23	16	1							296	24
2									326	24									326	24
3									344										344	24
4									200	21	43	3							243	24
5									69	12	87	12							156	24
6	34	6							140	14					21	4			195	24
7	11	2			18	3	86	12	46	7									161	24
8							7	1	145	16	64	6	9	1					225	24
9									43	5	193	14	17	2	25	3			278	24
10			15	2							19	3	147	10	75	9			256	24
11			37	4	115	12	52	8											204	24
12					15	3	21	4	282	17									318	24
13									80	7	207	14	18	3					305	24
14							18	3	47	7	71	13	6	1					142	24
15							5	1	69	7	122	14	25	2					221	24
16	7	1	77	7	112	12					7	2	31	4	1				210	24
17					24	4	11	3	7	1	208	14	7	1	9	1			266	24
18											7	1	105	10	145	13			257	24
19	31	8	4	1	4	1					69	9	20	3	11	2			145	24
20	18	2									30	5	92	12	48	5			188	24
21	39	5											19	3	180	16			238	24
22									9	2	38	8	75	11	8	3			130	24
23	3	1	163	14	85	8							2	1					253	24
24	15	2	21	3	139	15	9	2							18	2			202	24
25											5	1	129	13	91	10			225	24
26	18	3	2	1	8	2	4	1			119	10	62	4	33	3			246	24
27	26	3							6	1	42	5	129	13	12	2			215	24
28			23	3							20	3	63	9	61	9			167	24
29	22	3	33	5	33	6									102	10			190	24
30	38	7	74	11	20	4	13	2											145	24
31																				
SUMS,	262	43	449	51	573	70	226	37	2123	188	1367	138	934	100	843	93	0	0	6747	720
PERCENTAGE,	4	6	7	7	8	10	3	5	31	26	20	19	14	14	13	13	0	0	a	a
AVG. HOURLY VELOCITY,	6.1	a	8.8	a	8.2	a	6.1	a	11.1	a	9.9	a	9.3	a	9.1	a	0	a	9.4	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *192* 5.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun & Berry Streets ~~street~~, rooms 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a m. May 20, 19 11

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1925

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.5	29.431	.134	29.297	30.23	60.4	53.2	47	62	.322	72.1	54.8	S	8			0	Few	ci st	NW	Clear		O.E.R.	1
2	78.5	29.134	.141	28.993	29.89	74.5	69.5	68	78	.684	80.4	70.1	SW	5			0	Few	a cu	W	Clear		O.E.R.	2
3	82.0	29.237	.150	29.087	29.99	70.1	62.5	58	66	.482	85.0	63.1	E	5			0	4	a cu	NW	Pt. Cloudy		O.E.R.	3
4	82.5	29.174	.151	29.023	29.92	70.8	67.7	67	86	.661	76.0	69.1	SW	10			.46	10	Nb	W	Lt. Rain		O.E.R.	4
5	81.0	29.284	.148	29.136	30.05	71.6	67.0	65	79	.616	79.2	67.8	NE	4			0	0	0	0	Clear		O.E.R.	5
6	84.5	29.281	.157	29.124	30.02	78.7	73.5	71	78	.757	84.7	73.2	SW	12			0	1	ci st	NW	Clear		O.E.R.	6
7	87.0	29.176	.163	29.013	29.90	73.6	70.9	70	88	.732	87.2	71.5	E	3			.02	10	st	SW	Cloudy		O.E.R.	7
8	84.0	29.344	.156	29.188	30.10	68.8	65.0	63	82	.575	80.0	67.8	NE	8			0	9	st cu	N	Cloudy		O.E.R.	8
9	82.5	29.267	.152	29.115	30.03	69.7	64.2	61	75	.536	80.0	64.2	SE	4			0	7	a st	W	Pt. Cloudy		O.E.R.	9
10	83.0	29.210	.152	29.058	29.97	73.4	71.7	71	92	.757	78.6	71.9	S	2			.14	10	cu	W	Cloudy		O.E.R.	10
11	84.0	29.228	.155	29.073	29.97	77.3	68.3	64	63	.595	83.5	68.3	W	2			0	1 / 1	a st / st cu	W / W	Clear		O.E.R.	11
12	85.0	29.245	.158	29.087	29.99	73.7	70.5	69	85	.707	87.0	69.6	SW	6			.05	4	a st	NW	Pt. Cloudy		O.E.R.	12
13	82.5	29.247	.151	29.096	30.01	68.3	63.8	61	78	.536	72.5	63.4	NE	6			0	3	ci st	NW	Clear		O.E.R.	13
14	81.0	29.200	.147	29.053	29.96	69.9	62.4	58	66	.482	76.0	61.1	S	1			0	4	ci st	NW	Pt Cloudy		O.E.R.	14
15	80.5	29.139	.146	28.993	29.90	67.2	62.8	60	78	.517	76.5	65.9	SW	9			0	10	st	SW	Cloudy		O.E.R.	15
16	82.0	28.930	.149	28.781	29.67	73.3	70.1	69	85	.707	85.3	72.3	W	5			.14	6 / 3	cu / cu Nb	W / W	Cloudy		O.E.R.	16
17	79.0	29.183	.142	29.041	29.96	60.0	56.7	54	82	.417	71.0	58.6	NE	4			0	3 / 6	a st / st cu	W / NW	Cloudy		O.E.R.	17
18	77.0	29.320	.137	29.183	30.10	63.5	56.0	50	62	.360	72.0	55.1	SE	5			0	Few	a st	W	Clear		O.E.R.	18
19	77.5	29.267	.138	29.129	30.04	66.4	58.4	53	62	.402	74.9	60.9	S	8			0	6	a cu	NW	Pt cloudy		O.E.R.	19
20	78.5	29.094	.140	28.954	29.85	69.2	62.0	58	67	.482	77.6	67.3	SW	10			0	7 / 3	cu / cu Nb	SW / SW	Cloudy		O.E.R.	20
21	77.5	29.050	.137	28.913	29.82	69.1	67.3	66	91	.638	74.6	66.8	SW	12			0	8	cu	SW	Cloudy		O.E.R.	21
22	78.5	29.184	.141	29.043	29.95	64.5	60.0	58	78	.482	73.0	60.6	NW	8			0	Few	cu	NW	Clear		O.E.R.	22
23	76.0	29.391	.135	29.256	30.19	60.1	54.5	50	70	.360	67.3	52.6	NW	4			0	1	a cu	NW	Clear		O.E.R.	23
24	76.5	29.368	.136	29.232	30.15	65.1	57.1	51	62	.373	75.0	58.9	SW	4			0	1	a cu	NW	Clear		O.E.R.	24
25	78.0	29.150	.139	29.011	29.92	65.0	64.5	64	97	.595	78.8	62.5	SE	5			.83	4 / 3	cu / cu Nb	NW / NW	Pt Cloudy		O.E.R.	25
26	79.0	29.142	.142	29.000	29.91	63.0	62.0	61	95	.536	73.4	61.6	NW	6			T	10	Nb	NW	Misting		O.E.R.	26
27	76.5	29.102	.135	28.967	29.89	61.8	59.6	58	88	.482	68.7	55.6	NW	2			0	5 / 3	a cu / Lt fog	NW / NW	St. Cloudy		O.E.R.	27
28	76.0	29.173	.134	29.039	29.96	56.6	51.6	48	72	.334	76.5	53.4	NW	10			T	Few / Few	a st / cu	W / NW	Clear		O.E.R.	28
29	75.0	29.216	.132	29.084	30.00	62.1	54.1	48	60	.334	68.6	55.9	SW	6			0	2	a cu	NW	Clear		O.E.R.	29
30	74.0	29.235	.129	29.106	30.03	61.0	55.3	52	70	.387	70.0	56.0	SW	4			0	1 / 6	ci st / st cu	W / W	Pt Cloudy		O.E.R.	30
31	72.5	29.049	.124	28.925	29.84	59.2	57.7	57	92	.465	65.3	58.2	SE	3			.03	10	st	SE	Cloudy		O.E.R.	31
Sums		(a)	(a)	901.000	929.21	2087.9	1939.9	1850	2389	16313	(a)	(a)	(a)	181	(a)	(a)	1.67	159	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.065	29.975	67.4	62.6	59.7	77.1	.526	(a)	(a)	(c) SW	5.8	(a)	(a)	(a)	5.1	U a. cu / L cu.	U NW / L NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. † By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Worth, Texas, for the Month of May, 1925

Number of Station barometer, 656; sum of corrections, —.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	79.5	29.164	.143	29.021	29.93	80.4	65.4	57	44	.465	84.0	60.4	SW	8			0	8	ast	NW	Cloudy			P.M.D.	1
2	85.0	29.142	.158	28.984	29.87	85.0	65.0	53	33	.402	92.2	74.5	E	8			0	1	ast	NW	Clear			P.M.D.	2
3	83.0	29.092	.152	28.940	29.84	76.0	67.0	62	63	.555	91.7	70.1	SW	13			T	10	ast	NW	Cloudy			P.M.D.	3
4	82.0	29.144	.150	28.994	29.89	79.2	72.5	70	72	.732	81.7	69.5	NW	2			.12	10	st	W	Cloudy			O.E.R.	4
5	85.0	29.245	.158	29.087	29.99	84.7	72.2	67	55	.661	88.6	71.6	E	4			0	1	ast	SW	Clear			O.E.R.	5
6	90.0	29.140	.171	28.969	29.86	87.2	75.6	71	59	.757	92.0	78.7	SW	11			0	3	ci st	NW	Clear			P.M.D.	6
7	84.5	29.200	.156	29.044	29.95	80.0	73.0	70	72	.732	81.0	73.6	NW	6			0	2 1	ci st cu	NW NW	Clear			P.M.D.	7
8	84.0	29.300	.156	29.144	30.05	80.0	71.0	67	64	.661	84.4	68.8	NE	7			0	2	ci st	W	Clear			P.M.D.	8
9	84.0	29.168	.155	29.013	29.91	78.0	74.3	73	84	.810	90.7	69.7	SW	7			.10	10	st cu	SW	Cloudy			P.M.D.	9
10	86.0	29.175	.160	29.015	29.91	83.5	75.5	72	70	.783	87.0	73.4	N	5			0	1	cu	N	Clear			P.M.D.	10
11	88.0	29.112	.165	28.947	29.84	87.0	76.0	72	60	.783	92.6	77.3	SW	7			0	8 2	ast st	W SW	Cloudy			P.M.D.	11
12	84.5	29.206	.156	29.050	29.96	72.1	68.9	68	85	.684	90.7	65.5	N	4	42	NW	.62	5 3	cu cu nb	NW NW	Cloudy			O.E.R.	12
13	84.0	29.202	.155	29.047	29.96	76.0	66.0	61	59	.536	80.8	68.3	E	5			0	0	0	0	Clear			P.M.D.	13
14	81.5	29.146	.149	28.997	29.90	76.5	67.0	62	61	.555	81.7	69.9	SW	2			0	10	st cu	SW	Cloudy			P.M.D.	14
15	83.5	29.040	.153	28.887	29.79	85.3	73.3	68	57	.684	89.6	66.0	SW	4			.02	1 1	ast cu	W W	Clear			P.M.D.	15
16	81.5	29.080	.148	28.932	29.84	71.0	63.5	59	67	.499	78.4	70.2	NW	16	25	NW	.24	1	st cu	NW	Clear			P.M.D.	16
17	79.5	29.226	.143	29.083	30.00	72.0	60.0	52	49	.387	74.0	60.0	N	6			0	1	st cu	N	Clear			P.M.D.	17
18	79.0	29.280	.142	29.138	30.05	74.9	60.9	52	44	.387	80.0	63.5	SW	5			0	1	ast	W	Clear			P.M.D.	18
19	79.5	29.158	.143	29.015	29.93	77.6	64.4	57	49	.465	83.9	66.4	SW	7			0	10	st	W	Cloudy			O.E.R.	19
20	79.0	29.044	.141	28.903	29.81	74.6	68.1	65	72	.616	80.0	63.2	SW	12			.16	10	st cu	W	Cloudy			P.M.D.	20
21	80.5	29.042	.145	28.897	29.81	73.0	62.4	56	56	.448	85.8	69.1	NW	8			.10	1 7	ast st cu	NW NW	Cloudy			P.M.D.	21
22	79.5	29.290	.144	29.146	30.07	67.3	59.3	54	62	.417	75.4	64.5	N	13			0	1	ast	W	Clear			P.M.D.	22
23	78.5	29.335	.141	29.194	30.11	75.0	61.4	53	46	.402	79.2	60.1	N	5			0	5 1	ci st st cu	W N	Pt Cloudy			P.M.D.	23
24	80.0	29.252	.145	29.107	30.02	78.8	63.8	55	44	.432	83.4	65.1	S	5			0	2 2	a cu st cu	W S	Pt Cloudy			P.M.D.	24
25	81.0	29.116	.147	28.969	29.88	73.4	67.9	65	76	.616	88.9	65.0	N	12			0	9	st cu	SW	Cloudy			P.M.D.	25
26	78.0	29.141	.139	29.002	29.92	68.7	64.0	61	78	.536	70.1	63.0	N	6			T	10	st cu	NW	Cloudy			O.E.R.	26
27	78.0	29.062	.138	28.924	29.83	76.5	66.0	60	58	.517	79.0	60.2	NW	2			0	4	st cu	NW	Pt Cloudy	Dr am 9:30 am		P.M.D.	27
28	78.0	29.200	.139	29.061	29.98	68.6	56.4	47	46	.322	71.4	56.6	NW	7			0	Few	cu	NW	Clear			P.M.D.	28
29	76.0	29.204	.134	29.070	29.99	70.0	58.0	49	48	.347	76.6	62.1	NW	4			0	2 2	ci st st cu	W NW	Pt Cloudy			P.M.D.	29
30	74.5	29.190	.130	29.060	29.98	65.3	58.8	54	68	.417	70.6	61.0	S	7			T	10	st cu	NW	Cloudy			P.M.D.	30
31	72.0	29.054	.123	28.931	29.85	59.0	58.0	57	94	.465	64.7	54.6	SW	6			.50	9	st cu	W	Cloudy			P.M.D.	31
Sums	(a)	(a)	(a)	899.571	927.72	2356.6	2055.6	1889	1895	17.073	(a)	(a)	(a)	214	(a)	(a)	1.86	167	(a)	(a)	(a)	1	0	(v)	(a)
Means	(a)	(a)	(a)	29.018	29.926	76.0	66.3	60.9	61.1	.551	(a)	(a)	(c) SW	6.9	(a)	(a)	(a)	5.4	U ast L st cu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1925

Date.	Temperature. Maximum. (b)	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Wednesday 1	84	55	29	8	70																0				0	0	0	0	1
2	92	69	23	10	80																0				0	0	0	0	2
3	92	63	29	2	78				R	3:52p	5:15p	R	11:25p	Cont'd							.02				0	0	0	0	3
4	82	69	13	2	76				R	Cont'd	7:15a	R	9:55a	11:55a	R	5:15p	6:10p				.56				0	0	0	0	4
5	89	68	21	2	78																0				0	0	0	0	5
6	92	73	19	4	82				R	11:44p	Cont'd										T				0	0	0	0	6
7	81	72	9	6	76				R	Cont'd	DNa										.02				0	0	0	0	7
8	84	68	16	0	76																0				0	0	0	0	8
9	91	64	27	2	78				R	2:10p	3:25p	R	4:10p	4:40p	R	8:22p	Cont'd				.24				0	0	0	0	9
10	87	72	15	2	80				R	Cont'd	DNa										T				0	0	0	0	10
11	93	68	25	0	80				R	7:18p	8:10p										.05				0	0	0	0	11
12	91	66	25	2	78				R	12:34p	1:10p	R	4:30p	4:55p	R	6:00p	6:25p				.62				0	0	0	0	12
13	81	63	18	6	72																0				0	0	0	0	13
14	82	61	21	0	72																0				0	0	0	0	14
15	90	66	24	6	78				R	6:52a	7:30a										.02				0	0	0	0	15
16	78	61	17	8	70				R	DNa	6:15a	R	6:50a	7:10a							.38				0	0	0	0	16
17	74	59	15	4	66																0				0	0	0	0	17
18	80	55	25	2	68																0				0	0	0	0	18
19	84	61	23	4	72																0				0	0	0	0	19
20	80	63	17	0	72				R	6:50a	7:20a	R	8:10a	8:50a							.16				0	0	0	0	20
21	86	65	21	4	76				R	4:01p	4:15p										.10				0	0	0	0	21
22	75	57	18	10	66																0				0	0	0	0	22
23	79	53	26	0	66																0				0	0	0	0	23
24	83	59	24	5	71																0				0	0	0	0	24
25	89	62	27	5	76				R	5:24a	6:20a										.83				0	0	0	0	25
26	70	62	8	10	66				R	6:15a	7:00a										T				0	0	0	0	26
27	79	56	23	2	68																0				0	0	0	0	27
28	71	53	18	6	62				R	12:30a	12:50a										T				0	0	0	0	28
29	77	56	21	4	66																0				0	0	0	0	29
30	71	56	15	2	64				R	2:40p	2:50p	R	P.N.p	P.N.p.							.01				0	0	0	0	30
31	65	55	10	4	60				R R	1:57p DNa	1:59p 5:50a	R R	3:10p 9:00a	4:50p 12:15p	R R	8:25p 2:33p	8:50p 3:07p	R+H	3:07p	3:10p	.52				T	0	0	0	31
S	2552	1930	622	122	2243		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.53		Total excess or deficiency since Jan. 1,		T	0	(a)	(a)	(a)
M	82.3	62.3	20.1	3.9	72.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.065	29.018	29.042	29.350	1	28.781	16	0.569	29.975	29.926	29.950	30.28	1	29.67	16	0.61
Corrected mean		29.039						Corrected mean		29.947					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
67.4	76.0	71.7	62.6	66.3	64.4	82.3	62.3	72.3	93	11	53	23	40	29	1	8	26

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
59.7	60.9	60.3	77.1	61.1	69.1	.526	.551	.538	0	6	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: Northwest

Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5474	7.4	SW	42	NW	12	7	5	5	4	6	21	2	12	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1	5.4	5.4	65	12	12	7	1	6	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	3, 4, 6, 7, 9, 10, 11, 12, 16, 20, 25, 31	12	9, 12, 14, 18,	0	27	0	0	0	0	0	31	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.53	0.83	25	0			0			4	13	9	5	0	17	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.34, date 25th; 10 minutes 0.60, date 25th; 15 minutes 0.69, date 25th

30 minutes 0.70, date 25th; 1 hour 0.83, date 25th; 2 hours 0.83, date 25th

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
12th	12:34p	1:10p	0.57	12:44p	1:02p	.02	.09	.20	.45	.54										
25	5:24am	6:20a	0.83	5:26a	5:41a	.01	.09	.36	.69											

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. M. Donough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1925

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Pressure Extremes																			
						Highest																			
1	00 1 am	12:00 am	Mid June 30 July 1,			29.350	30.28	61.0																	1

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							30	6	86	7	127	11							243	24
2	30	4	43	6	41	5					60	6	10	2	4	1			188	24
3					48	9	22	3	64	6	69	6							203	24
4	2	1							34	5	70	10	25	4	28	4			159	24
5	6	1	37	7	11	3	35	8					6	2	10	3			105	24
6	10	1					8	2	29	4	245	17							292	24
7	12	2	21	4	15	3	12	3					45	5	56	7			161	24
8			85	12	82	11	6	1											173	24
9	8	1	4	1	31	6	4	1	35	6	48	7	3	1	9	1			142	24
10	53	12	18	4	8	4	2	1	7	3									88	24
11	10	3	20	2					7	1	95	11	43	7					175	24
12	12	3	10	2							49	8	49	8	23	3			143	24
13	18	2	116	15	18	3	16	3	5	1									173	24
14			6	3			19	5	35	9	19	6					0	1	79	24
15			1	1	2	1			27	5	112	13	36	4					178	24
16											64	6			265	18			329	24
17	97	14	5	1											66	9			168	24
18	14	5	4	1			3	1	20	4	62	13							103	24
19							2	1	142	15	31	5					0	3	175	24
20					10	1	15	2	182	17	37	4							244	24
21	26	2									154	16			36	6			216	24
22	18	3											28	4	180	17			226	24
23	20	7									13	3	42	7	52	7			127	24
24	3	1					24	4	51	8	52	10					0	1	130	24
25							5	1	65	7	38	3	47	3	122	10			277	24
26	18	3											21	3	132	18			171	24
27	11	1									12	2	40	7	65	14			128	24
28	85	8													154	16			239	24
29											11	2	33	3	92	18	0	1	136	24
30							7	3	20	5	87	13	20	3					134	24
31							43	9			15	2	62	8	49	5			169	24
SUMS,	453	74	370	59	266	46	253	54	809	103	1470	174	510	71	1343	157	0	6	5474	744
PERCENTAGE,	8	10	7	8	5	6	5	7	15	14	27	23	9	10	24	21	0	1	a	a
AVG. HOURLY VELOCITY,	6.1	a	6.3	a	5.8	a	4.7	a	7.9	a	8.5	a	7.2	a	8.6	a	0	a	7.4	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, 1925.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun & Berry street, room 911-12 Tri State Bldg first observation taken in present office, 7:00 a m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.208	.118	29.090	30.01	59.0	57.0	56	89	.448	59.0	54.9	N	5			T	10	st cu	N	Cloudy		P.M.L.	1
2	70.0	29.360	.119	29.241	30.16	63.0	59.5	57	82	.465	66.2	58.4	SW	2			0	2	st cu	SW	Clear		P.M.L.	2
3	72.0	29.424	.125	29.299	30.22	63.0	61.3	61	91	.536	72.3	58.6	E	3			0	2	a cu	NW	Clear		P.M.L.	3
4	73.0	29.424	.127	29.297	30.22	63.5	60.0	58	82	.482	73.6	57.8	E	3			0	0	0	0	Clear		P.M.L.	4
5	76.0	29.380	.135	29.245	30.17	64.4	60.4	58	79	.482	76.3	61.0	E	4			0	0	0	0	Clear		P.M.L.	5
6	79.0	29.302	.142	29.160	30.08	67.0	64.0	62	85	.555	74.5	62.9	S	3			0	3	a cu	W	Clear		P.M.L.	6
7	80.5	29.193	.146	29.047	29.95	72.0	65.0	61	69	.536	78.0	66.7	SW	7			0	4 5	st cu St. Haze	SW —	Pt Cloudy		P.M.L.	7
8	82.0	29.004	.149	28.855	29.75	70.6	67.2	66	84	.638	80.8	67.0	S	10			.36	5	st cu	W	Pt Cloudy		P.M.L.	8
9	78.0	29.117	.139	28.978	29.89	67.0	63.6	62	83	.555	71.1	61.2	SW	5			0	1	a st	W	Clear		P.M.L.	9
10	80.0	29.196	.145	29.051	29.96	69.4	66.4	65	86	.616	82.0	65.3	SW	7			0	5	a cu	W	Pt Cloudy		P.M.L.	16
11	82.0	29.266	.150	29.116	30.03	70.5	63.5	60	68	.517	80.7	66.4	NE	6			0	6	a st	NW	Pt Cloudy		P.M.L.	11
12	81.0	29.132	.147	28.985	29.89	63.2	61.2	60	90	.517	78.3	61.9	SE	6			.22	10	St.	SE	Cloudy		P.M.L.	12
13	79.5	28.974	.142	28.832	29.73	69.9	67.9	67	90	.661	74.0	67.0	SW	8			0	10	St.	SW	Cloudy		P.M.L.	13
14	78.0	29.203	.139	29.064	29.97	66.8	64.3	63	88	.575	70.8	61.9	SW	2			0	0	0	0	Clear		P.M.L.	14
15	80.0	29.334	.145	29.189	30.11	66.3	63.3	61	85	.536	76.8	63.7	N	2			0	0	0	0	Clear		P.M.L.	15
16	79.0	29.350	.142	29.208	30.12	68.0	65.0	63	85	.575	79.0	62.4	E	3			0	0	0	0	Clear		P.M.L.	16
17	82.0	29.367	.150	29.217	30.13	70.2	65.2	62	77	.555	84.0	64.6	NE	1			0	1 3	a. St. Lt. Smoke	W SE	Clear		P.M.L.	17
18	84.5	29.316	.157	29.159	30.06	72.0	69.5	68	89	.684	85.2	69.6	NW	1			.27	9	St. Cu.	NW	Cloudy		P.M.L.	18
19	85.5	29.302	.160	29.142	30.04	73.0	68.7	66	81	.638	84.0	69.0	NW	3			0	0	0	0	Clear		P.M.L.	19
20	85.0	29.256	.158	29.098	30.01	71.0	65.0	62	73	.555	79.5	69.0	N	2			T	7 2	a. St. St. Cu.	W N	Cloudy		P.M.L.	20
21	79.5	29.332	.144	29.188	30.11	60.0	56.6	54	82	.417	69.0	56.7	N	10			T	2	cu	N	Clear		P.M.L.	21
22	78.0	29.475	.141	29.334	30.26	59.8	54.3	50	71	.360	68.8	53.7	S	6			0	0	0	0	Clear		P.M.L.	22
23	77.0	29.519	.138	29.381	30.31	58.0	53.0	49	72	.347	73.7	53.0	E	4			0	0	0	0	Clear		P.M.L.	23
24	78.5	29.635	.143	29.492	30.41	60.9	55.3	52	70	.387	80.0	56.9	E	3			0	0	0	0	Clear		P.M.L.	24
25	80.0	29.653	.147	29.506	30.43	62.0	57.0	54	74	.417	80.6	58.0	E	2			0	0	0	0	Clear		P.M.L.	25
26	83.0	29.491	.154	29.337	30.26	63.6	56.6	52	66	.387	82.5	61.0	SW	5			0	0	0	0	Clear		P.M.L.	26
27	80.0	29.478	.146	29.332	30.26	55.6	51.1	48	74	.334	77.2	52.2	NE	9			0	1	a st	NW	Clear		P.M.L.	27
28	77.0	29.442	.138	29.304	30.23	56.8	53.8	52	83	.387	68.2	53.0	E	9			0	0	0	0	Clear		P.M.L.	28
29	77.5	29.442	.139	29.303	30.23	59.9	56.9	55	84	.432	74.5	56.2	E	4			0	0	0	0	Clear		P.M.L.	29
30	79.0	29.380	.143	29.237	30.15	69.2	63.8	61	75	.536	85.0	64.9	SW	7			0	0	0	0	Clear		P.M.L.	30
31	82.0	29.446	.151	29.295	30.21	72.0	67.0	65	78	.616	85.0	68.3	NW	2			0	3	cu	SW	Clear		P.M.L.	31
Sums		(a)	(a)	904.982	933.36	2027.6	1903.4	1830	2485	15.746	(a)	(a)	(a)	144	(a)	(a)	0.85	83	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.193	30.108	65.4	61.4	59.0	80.2	.508	(a)	(a)	(c) E	4.6	(a)	(a)	(a)	2.7	U a. St. L St. Cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1926

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.267	.121	29.146	30.07	66.2	62.5	61	82	.536	74.0	59.0	NW	1			.03	3 5	acu st	S NW	Cloudy			O.E.R.	1
2	73.5	29.362	.128	29.234	30.15	72.3	63.3	58	61	.482	76.8	63.0	S	3			.16	1	st	S	Clear			P.M.C.D.	2
3	74.5	29.372	.130	29.242	30.16	73.6	62.8	56	55	.448	78.2	63.0	SE	7			0	1 1 3	ci st a cu ci st	SW SW W	Pt Cloudy			O.E.R.	3
4	76.5	29.352	.136	29.216	30.14	76.3	65.1	59	55	.499	83.2	63.5	W	3			0	2 Few	cu nb ci st	SW W	Pt Cloudy			O.E.R.	4
5	80.0	29.302	.145	29.157	30.07	74.5	64.5	59	58	.499	84.8	64.4	SE	6			0	2 2	cu ci st	NW W	Clear			O.E.R.	5
6	81.0	29.220	.147	29.073	29.98	78.0	68.2	63	61	.575	85.8	67.0	N	2			0	2	a cu	NW	Pt Cloudy			O.E.R.	6
7	82.0	29.117	.149	28.968	29.87	80.8	66.3	59	46	.499	85.5	72.0	S	3			T	10 5	st st Haze	SW —	Cloudy			O.E.R.	7
8	79.5	29.058	.142	28.916	29.83	71.1	63.3	59	65	.499	76.6	70.6	W	8			T	7 1	a cu cu	NW W	Cloudy			O.E.R.	8
9	84.0	29.163	.155	29.008	29.91	82.0	66.0	57	43	.465	86.6	67.0	NW	3			T	2	a st	W	Clear			P.M.C.	9
10	83.5	29.193	.154	29.039	29.94	80.7	64.5	55	41	.432	86.4	69.4	N	4			0	4 1	ci st a cu	W NW	Pt Cloudy			O.E.R.	10
11	82.5	29.175	.151	29.024	29.92	78.3	66.3	60	53	.517	83.0	70.5	E	5			0	9	a cu	W	Cloudy			O.E.R.	11
12	81.0	28.978	.146	28.832	29.73	74.0	71.8	71	90	.757	83.0	63.2	SW	4			.05	9	st. cu.	SW	Cloudy			P.M.C.	12
13	80.0	29.096	.144	28.952	29.86	70.8	66.7	65	81	.616	78.9	69.9	NW	6			T	10	st.	NW	Cloudy			P.M.C.	13
14	82.0	29.236	.150	29.086	30.00	76.8	67.3	63	61	.575	81.7	66.8	N	5			0	1	st.	N	Clear			P.M.C.	14
15	81.0	29.299	.148	29.151	30.06	79.0	66.0	59	50	.499	83.4	66.3	SE	3			0	2 2	a.cu. st.cu	W SE	Pt. Cloudy			P.M.C.	15
16	84.5	29.316	.157	29.159	30.07	84.0	70.0	63	50	.575	89.3	68.0	SW	2			0	2	a st.	NW	Clear			P.M.C.	16
17	85.0	29.320	.158	29.162	30.06	85.2	71.2	64	51	.595	92.0	70.2	SE	3			0	6 4	a st st cu.	W SE	Cloudy			P.M.C.	17
18	86.5	29.252	.162	29.090	29.99	84.0	73.8	70	62	.732	88.2	71.7	N	3			0	3	a st.	W	Clear			P.M.C.	18
19	85.5	29.280	.160	29.120	30.03	79.5	69.0	64	59	.595	90.0	73.0	N	9			0	4 4	a cu. st cu.	W N	Cloudy			P.M.C.	19
20	81.0	29.160	.147	29.013	29.92	69.0	65.5	64	83	.595	79.0	65.0	NW	8			.01	10	st cu	NW	Cloudy			P.M.C.	20
21	82.0	29.363	.150	29.213	30.13	68.8	58.3	51	53	.373	73.3	60.0	NE	3			0	0	0	0	Clear			O.E.R.	21
22	79.5	29.389	.144	29.245	30.17	73.7	57.2	44	35	.287	78.1	59.8	SE	5			0	Few Few	ci a cu	NW W	Clear			O.E.R.	22
23	80.0	29.504	.146	29.358	30.28	80.0	61.0	48	32	.334	84.6	58.0	SE	2			0	2	Lt Haze	—	Clear			P.M.C.	23
24	81.5	29.583	.150	29.433	30.35	80.6	62.6	51	36	.373	85.3	60.9	S	3			0	3	ci st	W	Clear			O.E.R.	24
25	84.0	29.530	.157	29.373	30.29	82.5	62.0	48	30	.334	91.0	62.0	SW	3			0	1	a cu	N	Clear			O.E.R.	25
26	83.0	29.391	.153	29.238	30.16	77.2	68.7	64	65	.595	88.7	63.6	NE	6			0	8 5	a cu Lt Haze	N —	Cloudy			O.E.R.	26
27	79.5	29.413	.144	29.269	30.20	68.2	57.8	50	53	.360	77.1	55.6	E	10			0	1	ci st	NW	Clear			O.E.R.	27
28	80.0	29.396	.146	29.250	30.18	74.5	59.3	48	40	.334	82.9	56.8	E	7			0	Few	ci st	W	Clear			O.E.R.	28
29	81.0	29.367	.148	29.219	30.14	85.0	64.5	52	32	.387	91.7	59.9	SE	3			0	5	Lt Smoke	SE	Clear			O.E.R.	29
30	85.0	29.334	.158	29.176	30.09	85.0	72.0	66	54	.638	94.0	69.2	SW	12			0	1 2	a st st cu	W SW	Clear			P.M.C.	30
31	84.5	29.362	.157	29.205	30.11	80.0	68.7	63	56	.575	87.0	72.0	N	4			0	4	cu.	W	Pt. Cloudy			O.E.R.	31
Sums		(a)	(a)	903.567	931.86	2391.6	2026.2	1814	1693	15580	(a)	(a)	(a)	146	(a)	(a)	0.25	135	(a)	(a)	(a)	0	0	(n)	(a)
Means		(a)	(a)	29.147	30.060	77.1	65.4	58.5	54.6	.503	(a)	(a)	(c) SE	4.7	(a)	(a)	(a)	4.4	U a cu. L st cu.	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1925

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	74	55	19	4	64				R	2:50p	3:55p										.03				0	0	0	0	1
2	77	58	19	4	68				R	1:15p	1:47p										.16				0	0	0	0	2
3	78	59	19	0	68																0				0	0	0	0	3
4	83	58	25	2	70																0				0	0	0	0	4
5	85	61	24	3	73																0				0	0	0	0	5
6	86	63	23	1	74																0				0	0	0	0	6
7	86	67	19	2	76				R	5:30p	5:45p	R	7:05p	8:30p	R	DNp	DNp				.04				0	0	0	0	7
8	77	65	12	5	71				R	DNa	DNa	R	10:20a	11:35a							.32				0	0	0	0	8
9	87	61	26	3	74				R	12:50p	1:05p										T				0	0	0	0	9
10	86	65	21	2	76																0				0	0	0	0	10
11	83	66	17	2	74																0				0	0	0	0	11
12	83	62	21	2	72				R	4:30a	6:15a	R	8:35a	9:50a	R	3:10p	3:25p	R	4:15p	6:10p	.27				0	0	0	0	12
13	79	64	15	0	72				R	11:10a	11:11a										T				0	0	0	0	13
14	82	62	20	0	72																0				0	0	0	0	14
15	83	64	19	2	74																0				0	0	0	0	15
16	89	62	27	2	76																0				0	0	0	0	16
17	92	65	27	2	78				R	9:25p	9:30p	R	D.n.p	Cont'd.							.01				0	0	0	0	17
18	88	70	18	1	79				R	Cont'd.	D.n.a.	R	1:25a	D.N.a	R	D.n.a	4:55a				.26				0	0	0	0	18
19	90	69	21	1	80				R	9:25p	9:40p										T				0	0	0	0	19
20	79	63	16	9	71				R	11:02a	11:50a	R	3:16p	3:51p	R	7:25p	7:40p				.01				0	0	0	0	20
21	73	57	16	6	65																0				0	0	0	0	21
22	78	54	24	1	66																0				0	0	0	0	22
23	85	53	32	3	69																0				0	0	0	0	23
24	85	57	28	2	71																0				0	0	0	0	24
25	91	58	33	3	74																0				0	0	0	0	25
26	89	61	28	1	75																0				0	0	0	0	26
27	77	52	25	11	64																0				0	0	0	0	27
28	83	53	30	4	68																0				0	0	0	0	28
29	92	56	36	6	74																0				0	0	0	0	29
30	94	65	29	6	80																0				0	0	0	0	30
31	87	68	19	2	78																0				0	0	0	0	31
S	2601	1893	708	92	2246		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.10		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	83.9	61.1	22.8	3.0	72.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.193	29.147	29.170	29.506	25	28.800	13	0.706	30.108	30.060	30.084	30.43	25	29.70	13	0.73
Corrected mean		29.166						Corrected mean		30.080					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.4	77.1	71.2	61.4	65.4	63.4	83.9	61.1	72.5	94	30	52	27	42	36	29	12	8

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
59.0	58.5	58.8	80.2	54.6	67.4	.508	.503	.506	0	5	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4096	5.5	SW	23	NW	20	10	5	12	8	6	12	2	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
2.7	4.4	3.7	70	15	11	5	0	4	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	2, 3, 4, 8, 9, 18.	0	11	0	0	0	23, 26	0	17, 29	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.10	0.36	7-8	0			0			3	8	5	3	0	11	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.16, date 18; 10 minutes 0.18, date 8; 15 minutes 0.20, date 8

30 minutes 0.26, date 8; 1 hour 0.28, date 8; 2 hours 0.31, date 8

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						— None —														

* The duration is the time precipitation was actually recorded.

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Prepared by O.E.R.

C. M. Jansen, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure. Lowest																			
13	4:00 am	3:00 am				28.800	29.70	68.0																	13

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of AUG 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	41	7	3	1	6	1			16	3	7	2	5	1	43	9			121	24
2	14	5	5	1			12	3	19	7	13	6			2	1	0	1	65	24
3			14	3	7	3	22	7	15	6	8	2	12	2			0	1	78	24
4			3	1	70	18	12	2	12	2			3	1					100	24
5	23	5	22	7	4	2	10	2	12	2	9	2			26	4			106	24
6	13	3	3	1	11	5	9	3	7	2	20	5	5	1	27	4			95	24
7	2	1					13	3	23	4	118	16							156	24
8							25	3	28	3	65	6	131	12					249	24
9	8	1									40	7	98	12	31	4			177	24
10	16	7									47	7	63	7	30	3			156	24
11	11	5	30	6	73	11	9	2											123	24
12					22	3	35	6	14	3	102	12							173	24
13											95	11	63	8	50	5			208	24
14	38	8									20	6	30	6	39	4			127	24
15	22	9	15	4	13	4	7	4			4	1			2	1	0	1	63	24
16			15	6	9	4	4	1	10	2	26	6	9	2			0	3	73	24
17			18	10	3	1	7	2	39	9	6	1					0	1	73	24
18	26	7					4	1	13	2	27	6	17	2	48	6			135	24
19	52	12									9	2	4	1	74	9			135	24
20	8	3									30	3	40	8	66	10			144	24
21	78	10	87	13	6	1													171	24
22					14	3	71	6	22	5									107	24
23					23	6	65	15	16	3									104	24
24					32	8	47	13	7	3									86	24
25			13	4	8	3	13	5	17	5	17	7							68	24
26	39	5	67	6							33	8	40	5					179	24
27			157	16	66	8													223	24
28			48	6	129	18													177	24
29			28	6	23	6	29	10	6	2									86	24
30	18	2			9	2	4	3			182	15	6	1			0	1	219	24
31	88	16	16	5							4	1			7	2			115	24
SUMS,	497	106	544	96	528	107	398	101	276	63	882	132	526	69	445	62	0	8	4096	744
PERCENTAGE,	12	14	13	13	13	14	10	14	7	9	21	18	13	9	11	8	0	1	a	a
AVG. HOURLY VELOCITY,	4.7	a	5.7	a	9.9	a	3.9	a	4.4	a	6.7	a	7.6	a	7.2	a	0	a	5.5	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *1925.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun & Berry street, room 911-12 Pri State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	83.0	29.437	.154	29.283	30.20	67.1	57.8	52	57	.387	80.0	62.7	NE	6			0	Few	St cu	N	Clear		O.K.R.	1
2	82.5	29.405	.152	29.253	30.17	67.1	55.1	45	46	.298	78.0	63.0	SE	3			0	3	ci st	NW	Clear		O.K.R.	2
3	81.5	29.047	.148	28.899	29.79	77.5	67.5	62	60	.555	82.5	73.9	W	9			0	0	0	0	Clear		O.K.R.	3
4	85.0	29.219	.158	29.061	29.97	67.3	62.3	59	76	.499	85.0	63.1	N	1			0	3	Lt. Smoke	N	Clear		O.K.R.	4
5	86.0	29.275	.161	29.114	30.01	70.8	61.6	56	59	.448	87.0	66.7	S	2			0	2	ci st	NW	Clear		O.K.R.	5
6	86.0	29.177	.160	29.017	29.91	73.1	62.2	55	54	.432	87.0	73.1	E	5			T	10	St	SW	Cloudy		O.K.R.	6
7	85.0	29.228	.158	29.070	29.98	67.1	66.8	66	98	.638	76.4	65.5	N	2			0	10	Dense Fog	N	Foggy		O.K.R.	7
8	84.0	29.281	.156	29.125	30.03	66.7	64.0	62	87	.555	78.1	64.0	E	7			0	1	a cu	W	Clear		O.K.R.	8
9	82.0	29.064	.149	28.915	29.82	70.0	66.5	65	83	.616	78.3	67.0	SW	8			.43	8	a st	W	Cloudy		O.K.R.	9
10	82.5	29.152	.151	29.001	29.89	72.4	66.9	64	75	.595	85.0	69.7	SW	8			T	3 2	a st a cu	W W	Pt Cloudy		O.K.R.	10
11	82.5	29.149	.151	28.998	29.90	72.8	67.2	65	75	.616	78.0	70.6	S	5			.01	2 2 Few	a. st. a. cu. cu	W SW SW	Pt. Cloudy		O.K.R.	11
12	83.0	29.181	.152	29.029	29.94	69.7	68.2	68	93	.684	75.3	67.9	S	8			.24	10	St	SW	Cloudy		O.K.R.	12
13	80.0	29.081	.144	28.937	29.85	61.6	61.1	61	97	.536	70.5	61.6	NE	12			.48	10	Nb	NE	Lt. Rain		O.K.R.	13
14	77.0	29.330	.137	29.193	30.11	59.6	54.4	50	72	.360	66.0	59.5	NE	9			0	9	St	NE	Cloudy		O.K.R.	14
15	74.0	29.042	.128	28.914	29.82	61.4	61.2	61	99	.536	64.2	59.7	NE	8			.99	10	Nb	NE	Lt. Rain		O.K.R.	15
16	72.0	29.180	.124	29.056	29.98	63.1	61.8	61	93	.536	66.0	60.6	W	3			0	10	St cu	W	Cloudy		O.K.R.	16
17	71.0	29.285	.121	29.164	30.08	57.3	57.3	57	100	.465	63.8	56.3	S	6			0	10	Dense Fog	S	Foggy		O.K.R.	17
18	75.0	29.161	.132	29.029	29.93	73.8	69.6	67	81	.661	77.0	71.3	SW	12			0	1 Few	a st cu	W SW	Clear		O.K.R.	18
19	77.0	29.273	.137	29.136	30.05	66.3	63.8	62	87	.555	74.4	65.5	E	7			.03	6 2	a cu St	W E	Cloudy		O.K.R.	19
20	80.0	28.986	.144	28.842	29.73	77.2	70.7	68	73	.684	82.3	75.5	SW	13			0	1 2	a st cu	W SW	Clear		O.K.R.	20
21	78.0	29.247	.139	29.108	30.03	57.7	54.7	53	83	.402	75.2	55.8	N	8			0	3	St cu	NW	Clear		O.K.R.	21
22	72.5	29.373	.125	29.248	30.18	50.4	47.6	45	82	.298	60.0	50.2	NE	8			0	8	St	NW	Cloudy		O.K.R.	22
23	69.0	29.296	.116	29.180	30.11	51.0	47.4	44	77	.287	53.0	48.9	E	3			0	6	a cu	W	Pt cloudy		O.K.R.	23
24	67.5	29.083	.111	28.972	29.89	53.7	51.4	49	86	.347	62.3	51.7	SW	12			0	1	a st	W	Clear		O.K.R.	24
25	68.5	29.434	.115	29.319	30.26	47.4	45.1	43	84	.277	62.4	45.5	NE	8			0	2	ci st	W	Clear		O.K.R.	25
26	69.0	29.410	.117	29.293	30.23	54.6	50.8	48	77	.334	58.0	53.0	E	6			T	3 6	ci cu a cu	W SW	Cloudy		O.K.R.	26
27	71.0	29.321	.121	29.200	30.12	68.0	67.0	67	95	.661	72.6	64.7	S	12			1.36	10	St	SW	Cloudy		O.K.R.	27
28	71.5	29.536	.123	29.413	30.34	60.2	58.4	58	90	.482	71.6	57.5	SW	3			0	0	0	0	Clear		O.K.R.	28
29	72.0	29.547	.125	29.422	30.35	60.0	58.6	58	92	.482	67.4	60.0	NE	5			0	10	St cu	N	Cloudy		O.K.R.	29
30	70.5	29.491	.121	29.370	30.30	57.1	53.9	52	82	.387	62.0	56.3	E	8			0	10	St	E	Cloudy		O.K.R.	30
31																								31
Sums		(a)	(a)	873.561	900.97	1922.0	1800.9	1723	2413	14.613	(a)	(a)	(a)	207	(a)	(a)	3.54	153	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.119	30.032	64.1	60.0	57.4	80.4	.487	(a)	(a)	(c) NE	6.9	(a)	(a)	(a)	5.1	U St. cu. L St.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	84.5	29.382	.157	29.225	30.13	78.0	62.0	52	40	.387	86.7	67.1	NE	6			0	2	ast	NW	Clear			P.M.D.	1
2	85.0	29.170	.158	29.012	29.91	82.5	67.5	60	46	.517	88.9	67.1	SW	8			0	3	ast	W	Clear			P.M.D.	2
3	87.5	29.092	.164	28.928	29.82	85.0	72.0	66	54	.638	92.6	77.5	N	4			0	0	0	0	Clear			P.M.D.	3
4	88.0	29.192	.165	29.027	29.93	87.0	65.0	51	30	.373	93.9	67.3	NE	5			0	Few	st	NE	Clear			P.M.D.	4
5	89.0	29.186	.168	29.018	29.91	87.0	65.0	51	30	.373	96.0	70.8	SW	7			0	8 2	ast st	W SW	Cloudy			P.M.D.	5
6	86.5	29.104	.161	28.943	29.84	76.4	72.7	71	84	.757	91.5	71.1	SW	5	25	N	.18	7 1	ast cu	W W	Cloudy			O.E.R.	6
7	85.0	29.234	.158	29.076	29.99	78.1	69.6	66	66	.638	83.0	67.1	N	4			T	8 Few	ast cu	NW N	Cloudy		D Rain 8:05 am	O.E.R.	7
8	83.5	29.130	.154	28.976	29.89	78.3	69.8	66	66	.638	82.6	66.7	NE	6			T	10	Nb	E	St. Rain			P.M.D.	8
9	86.5	28.967	.161	28.806	29.70	85.0	73.0	68	56	.684	92.7	70.0	SW	10			0	1	ast	W	Clear			P.M.D.	9
10	84.0	29.162	.155	29.007	29.91	78.0	70.4	67	69	.661	85.0	72.4	S	8			0	1	ast	NW	Clear			P.M.D.	10
11	84.0	29.142	.155	28.987	29.89	75.3	66.3	61	63	.536	90.7	72.8	W	12	29	SW	0	10	stcu	W	Cloudy			P.M.D.	11
12	81.5	29.162	.149	29.013	29.92	70.5	68.0	66	88	.638	78.6	69.0	NE	9			.06	10	Nb	NE	Sprinkling			P.M.D.	12
13	79.5	29.195	.143	29.052	29.97	66.0	63.0	61	85	.536	74.3	61.5	NE	6			T	9	stcu	N	Cloudy			O.E.R.	13
14	76.0	29.266	.134	29.132	30.05	64.2	60.2	58	79	.482	67.6	59.2	E	7			.01	10	Nb	E	Lt. Rain			P.M.D.	14
15	74.0	29.120	.128	28.992	29.91	66.0	63.0	61	85	.536	68.7	61.4	NW	2			.04	2	st	NW	Clear			P.M.D.	15
16	73.0	29.248	.126	29.122	30.04	63.8	61.3	60	87	.517	68.0	63.1	N	4			0	1	st	N	Clear			P.M.D.	16
17	75.0	29.168	.132	29.036	29.96	77.0	68.0	64	63	.595	83.0	57.3	S	10			0	2	ast	W	Clear	B 7:00 a E 7:30 a	B D Na E 7:00 a	P.M.D.	17
18	78.0	29.206	.139	29.067	29.98	74.0	72.0	71	91	.757	85.6	72.8	S	6			.06	10	stcu	S	Cloudy			P.M.D.	18
19	82.0	29.083	.149	28.934	29.83	82.3	71.0	66	57	.638	90.0	66.3	SW	8			0	0	0	0	Clear			P.M.D.	19
20	71.5	29.026	.171	28.905	29.80	75.2	68.7	65	72	.616	85.1	75.2	W	14	26	SW	T	3 2	acu cu	NW W	Pt Cloudy			O.E.R.	20
21	77.0	29.309	.137	29.172	30.09	60.0	52.7	46	62	.310	65.4	57.7	N	5			0	2	ast	W	Clear			P.M.D.	21
22	72.0	29.342	.124	29.218	30.15	53.0	48.0	43	70	.277	59.0	50.4	E	5			0	3	ast	W	Clear			P.M.D.	22
23	70.5	29.120	.119	29.001	29.93	62.3	54.3	48	60	.334	69.4	51.0	SW	6			0	4 3	acu ast	W W	Pt Cloudy			P.M.D.	23
24	71.0	29.200	.121	29.079	30.00	62.4	56.3	52	69	.387	72.4	53.7	NW	9			0	1	st	NW	Clear			P.M.D.	24
25	72.0	29.410	.125	29.285	30.22	58.0	53.0	49	72	.347	65.2	47.4	NE	7			0	7 2	acu st	W NE	Cloudy			P.M.D.	25
26	71.0	29.354	.121	29.233	30.15	72.6	68.1	66	80	.638	75.4	54.6	SE	3			T	10	stcu	SE	Cloudy			P.M.D.	26
27	73.0	29.370	.126	29.244	30.17	71.6	65.1	62	71	.555	78.1	64.8	SW	10			.22	7	cu	W	Pt Cloudy			O.E.R.	27
28	74.0	29.527	.130	29.397	30.33	67.4	62.3	59	75	.499	73.0	60.2	N	5			0	10	stcu	N	Cloudy			P.M.D.	28
29	72.0	29.473	.125	29.348	30.28	62.0	58.0	55	79	.432	67.9	60.0	E	6			0	9	stcu	E	Cloudy			P.M.D.	29
30	70.0	29.410	.119	29.291	30.23	57.3	53.8	51	80	.373	63.4	57.1	E	11			T	10	st	E	Cloudy			P.M.D.	30
31																									31
Sums	(a)	(a)	(a)	872.526	899.93	2156.2	1920.1	1782	2029	15.669	(a)	(a)	(a)	208	(a)	(a)	0.57	170	(a)	(a)	(a)	1	2	(v)	(a)
Means	(a)	(a)	(a)	29.084	29.998	71.9	64.0	59.4	67.6	.522	(a)	(a)	(c) SW	6.9	(a)	(a)	(a)	5.7	U ast L st	U W L N	E (a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1925

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	87	63	24	3	75																0				0	0	0	0	1
2	89	63	26	1	76																0				0	0	0	0	2
3	93	70	23	6	82																0				0	0	0	0	3
4	94	63	31	4	78																0				0	0	0	0	4
5	96	67	29	4	82																0				0	0	0	0	5
6	92	71	21	0	82				R R	4:09p DNa	4:55p DNa	R	7:48a	8:00a	R	9:45a	10:30a	R	11:45a	12 noon	.18				0	0	0	0	6
7	83	66	17	8	74				R	7:40a	8:05a										T				0	0	0	0	7
8	83	64	19	0	74				R	6:35p	DNP										.42				0	0	0	0	8
9	93	67	26	6	80				R	DNa	DNa										.01				0	0	0	0	9
10	85	70	15	2	78				R	DNa	DNa										T				0	0	0	0	10
11	91	68	23	2	80				R R	D.Na 6:37P	D.Na Cont'd	R	7:10p	7:25p	R	DNp	Cont'd				.14				0	0	0	0	11
12	79	65	14	8	72				R	Cont'd	DNa	R	DNa	DNa	R	7:20a	9:10a	R	10:50a	11:05a	.19				0	0	0	0	12
13	74	62	12	4	68				R	cont'd	9:00a										.46				0	0	0	0	13
14	68	59	9	4	64				R	5:50p	Cont'd										.30				0	0	0	0	14
15	69	60	9	0	64				R	cont'd	12:35p										.74				0	0	0	0	15
16	68	60	8	0	64																0				0	0	0	0	16
17	83	56	27	6	70																0				0	0	0	0	17
18	86	71	15	8	78				R	12:48p	3:35p	R	7:15p	7:30p	R	8:05p	8:15p				.06				0	0	0	0	18
19	90	66	24	0	78				R	DNa	6:15a										.03				0	0	0	0	19
20	85	63	22	4	74				R	7:40a	8:00a	R	12:43p	1:10p							T				0	0	0	0	20
21	65	53	12	15	59																0				0	0	0	0	21
22	59	50	9	5	54																0				0	0	0	0	22
23	69	49	20	5	59																0				0	0	0	0	23
24	72	52	20	3	62																0				0	0	0	0	24
25	65	46	19	6	56																0				0	0	0	0	25
26	75	53	22	8	64				R	DNa	DNa	R	6:25p	6:26p	R	7:00p	8:40p	R	DNp	Cont'd	.99				0	0	0	0	26
27	78	65	13	8	72				R	Cont'd	5:15a	R	6:58a	10:15a							.59				0	0	0	0	27
28	73	58	15	6	66																0				0	0	0	0	28
29	68	57	11	4	62																0				0	0	0	0	29
30	63	56	7	2	60				R	3:04p	3:25p	R	4:40p	4:50p							T				0	0	0	0	30
31																													31
S	2375	1833	542	132	2107		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.11		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	79.2	61.1	18.1	4.4	70.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.119	29.084	29.102	29.430	29	28.790	20	0.640	30.032	29.998	30.015	30.36	29	29.68	20	0.68
Corrected mean		29.097						Corrected mean		30.010					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.1	71.9	68.0	60.0	64.0	62.0	79.2	61.1	70.2	96	5	46	25	50	31	4	7	30

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
57.4	59.4	58.4	80.4	67.6	74.0	.487	.522	.504	0	7	0	0

Clouds.

Most frequent clouds: Alto-Stratus.

Most frequent direction upper clouds: West

Most frequent direction lower clouds: North.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5754	8.0	SW	29	SW	11	8	13	10	2	8	13	4	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1	5.7	5.9	49	5	14	11	1	5	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	6, 8, 11, 12, 18, 26, 27.	0	11, 21, 24, 26, 10.	0	17.	7, 17.	26	0	4.	0	6	21

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.11	1.58	26-27	0			0			4	12	10	6	0	16	0	0	0	0

(w) Maximum precipitation in 5 minutes .023, date 26"; 10 minutes 0.43, date 26; 15 minutes 0.46, date 26

30 minutes .052, date 26; 1 hour .053, date 26; 2 hours .058, date 26 + 27'

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
26	P.M. p.m.	---	.90	10.48 p.m.	10.58 p.m.	.01	.22	.42												
27	---	5.15 a.m.																		

* The duration is the time precipitation was actually recorded.

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Prepared by O. R. Russell

A. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
																			3	Ci. St.	SW		Ordered by		
11"	12 00 noon	11 00 am	82.5	29.124	.151	28.973	29.86	86.0	71.0	64	22	48	86.3	SW	15			0	1	a. cu.	SW	Pt. Cloudy	Chicago	O.E.R.	11"
15"	12 00 noon	11 00 am	73.0	29.072	.125	28.947	29.87	63.3	62.8	62	1	97	63.3	NW	10			.04	10	N b	NW	Lt. Rain	Ordered by Chicago	O.E.R.	15"
30"	12 00 noon	11 00 am	70.0	29.450	.119	29.331	30.26	62.0	55.2	50	12	65	62.0	E	12			0	7 2	a St St	W E	Cloudy	Ordered by Chicago	O.E.R.	30"
			Extremes of Pressure																						
			Highest																						
29"	9 00 am	8 00 am				29.430	30.36	62.0																	29"
			LOWEST																						
20"	2 00 pm	1 00 pm				28.790	29.68	83.0																	20"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	47	8	90	15	5	1													142	24
2					3	1	10	3	40	7	138	13							191	24
3	74	10									79	7	30	3	46	4			229	24
4	54	14	29	7	5	1									13	2			101	24
5					3	1	8	3	78	10	73	8	5	2					167	24
6	16	3	15	2	16	2	9	1	66	6	38	6	7	1	13	3			180	24
7	102	19													19	5			121	24
8	17	4	42	7	46	9	18	2	17	2									140	24
9	4	1							73	7	190	15	8	1					275	24
10							14	2	41	6	155	13	6	1	24	2			240	24
11	15	2					7	1	33	4	171	12	15	2	33	3			274	24
12	9	2	53	6					48	8	44	6	8	2					162	24
13	68	10	96	13											7	1			171	24
14			65	8	142	16													207	24
15	28	4	26	3	36	6	6	2					15	2	47	7			158	24
16	23	4	7	4	5	3	3	1	3	1	8	2	38	6	18	2	0	1	105	24
17			3	2	8	3			80	9	115	10							206	24
18									3	1	114	13	41	4	28	6			186	24
19			5	1	61	9	21	3	60	5	62	6							209	24
20	13	1									234	15	80	6	22	2			349	24
21	114	13	76	11															190	24
22			76	9	105	15													181	24
23			20	5	16	5	2	1	5	1	88	12							131	24
24	15	2	22	2							97	9	66	5	66	6			266	24
25			83	9	150	15													233	24
26					84	12	51	10	11	2									146	24
27							7	1	108	8	107	8	46	6	7	1			275	24
28	59	10	27	5							22	5	15	3	6	1			129	24
29			45	9	104	15													149	24
30					241	24													241	24
31																				
SUMS,	658	107	780	118	1030	138	156	30	666	77	1735	160	380	44	349	45	0	1	5754	720
PERCENTAGE,	11	15	14	17	18	19	3	4	11	11	30	22	7	6	6	6	0	0	a	a
AVG. HOURLY VELOCITY,	6.1	a	6.6	a	7.5	a	5.2	a	8.6	a	10.8	a	8.6	a	7.8	a	0	a	8.0	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *192* 5.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. ø

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun and Berry street, room 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 am. May 20, 1911.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ø Self recording (1) rain gage not in use after 6:40 p.m. of 28th.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.0	29.394	.117	29.277	30.22	56.0	54.0	53	88	.402	57.3	54.9	E	6			T	10	St cu	E	Cloudy		P.M.C.D.	1
2	71.0	29.294	.121	29.173	30.09	64.0	62.5	62	92	.555	71.9	63.6	S	13			T	10	Nb	S	St. Rain		P.M.C.D.	2
3	71.5	29.264	.122	29.142	30.06	58.0	57.0	56	94	.448	65.5	57.4	W	3			T	10	Nb	W	St. Rain		P.M.C.D.	3
4	71.0	28.945	.120	28.825	29.73	53.8	52.8	52	94	.387	63.5	52.7	E	11			.22	10	St cu	E	Cloudy		P.M.C.D.	4
5	69.0	29.106	.115	28.991	29.92	50.3	48.3	46	87	.310	57.0	49.8	NW	6			.02	5	St cu	NW	Pt cloudy		P.M.C.D.	5
6	71.5	29.115	.121	28.994	29.92	53.0	50.0	47	82	.322	56.0	51.6	SW	9			T	10	St cu	SW	Cloudy		P.M.C.D.	6
7	72.0	29.374	.124	29.250	30.18	39.0	36.3	33	78	.187	52.9	37.0	NE	6			T	0	0	O	Clear		P.M.C.D.	7
8	71.5	29.357	.122	29.235	30.17	43.0	41.0	39	85	.237	50.0	40.9	NE	4			0	4	a cu	W	Pt cloudy		P.M.C.D.	8
9	73.0	29.214	.126	29.088	30.03	34.4	34.4	34	100	.195	55.0	34.4	N	11			.14	10	Nb	N	St. Snow		P.M.C.D.	9
10	69.0	29.578	.117	29.461	30.42	31.7	29.7	27	79	.143	40.5	29.5	W	7			0	7	a cu	NW	Pt cloudy		O.W.P.	10
11	70.0	29.409	.119	29.290	30.24	36.6	33.1	28	70	.150	42.3	34.6	S	10			0	8	a St	NW	Cloudy		P.M.C.D.	11
12	69.0	29.290	.116	29.174	30.10	46.5	45.0	44	89	.287	48.0	46.0	SW	9			T	10	St.	SW	Cloudy		P.M.C.D.	12
13	72.0	29.326	.124	29.202	30.13	47.0	46.0	45	93	.298	53.0	46.0	E	5			0	10	St.	E	Cloudy		P.M.C.D.	13
14	72.0	29.072	.123	28.949	29.88	52.0	51.0	50	94	.360	55.0	50.0	SE	5			0	10 7	St Lt smoke	SE SE	Cloudy		P.M.C.D.	14
15	73.0	29.022	.125	28.897	29.82	45.3	44.3	43	93	.277	59.8	44.2	NW	1			T	9	St. cu.	NW	Cloudy		P.M.C.D.	15
16	74.0	29.100	.128	28.972	29.90	45.0	44.0	43	93	.277	52.0	42.7	SW	3			0	5 2	Cist St. cu.	W SW	Pt. cloudy		P.M.C.D.	16
17	70.0	29.096	.118	28.978	29.92	41.0	39.5	38	88	.228	48.0	41.0	N	6			.21	9	St. cu.	N	Cloudy		P.M.C.D.	17
18	69.0	29.190	.116	29.074	30.01	43.8	41.4	39	82	.237	48.0	41.9	S	4			0	10	St. cu.	S	Cloudy		P.M.C.D.	18
19	62.5	29.108	.098	29.010	29.95	32.6	31.1	29	85	.157	48.0	31.5	W	16	30	W	T	6	St cu	W	Pt cloudy		P.M.C.D.	19
20	66.0	29.244	.108	29.136	30.09	35.7	32.1	26	68	.136	36.3	34.0	SW	12			T	10	St cu	SW	Cloudy		P.M.C.D.	20
21	67.0	29.090	.110	28.980	29.93	31.6	30.6	30	90	.164	41.2	31.3	SW	10			T	6 2	a St St cu	W SW	Cloudy		P.M.C.D.	21
22	71.0	29.060	.120	28.940	29.89	30.2	29.2	27	89	.143	40.6	30.0	NW	7			0	0	0	O	Clear		P.M.C.D.	22
23	71.5	29.177	.122	29.055	30.00	39.0	36.0	32	76	.180	41.6	38.6	S	5			0	9	St cu	S	Cloudy		P.M.C.D.	23
24	72.5	29.042	.124	28.918	29.85	40.2	39.0	38	90	.228	47.2	40.2	E	8			.06	10	Nb	E	St. Rain		P.M.C.D.	24
25	69.0	28.718	.114	28.604	29.52	37.0	35.5	33	87	.187	41.0	36.3	W	18			.09	10	St cu	NW	Cloudy		P.M.C.D.	25
26	69.0	29.008	.115	28.893	29.83	39.0	36.0	32	76	.180	41.0	36.6	S	8			0	10	St cu	S	Cloudy		P.M.C.D.	26
27	67.5	29.362	.112	29.250	30.20	30.0	28.0	25	78	.130	41.3	30.0	W	9			.01	8	St cu	W	Cloudy		P.M.C.D.	27
28	68.0	29.200	.113	29.087	30.04	28.4	26.9	24	82	.124	39.2	27.8	NW	11			.08	10	Nb	NW	St. Snow		P.M.C.D.	28
29	71.0	29.600	.122	29.478	30.45	20.0	19.0	17	85	.089	28.0	19.8	SW	6			0	2	St	SW	Clear		P.M.C.D.	29
30	71.5	29.587	.123	29.464	30.43	24.2	23.7	23	94	.118	26.9	23.0	N	3			.04	10	Nb	N	St. Snow		P.M.C.D.	30
31	70.5	29.604	.121	29.483	30.44	24.5	23.5	22	87	.113	31.2	22.8	NE	2			0	0	0	O	Clear		P.M.C.D.	31
Sums		(a)	(a)	902.270	931.36	1252.8	1200.9	1137	2668	7.249	(a)	(a)	(a)	234	(a)	(a)	0.87	242	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.105	30.044	40.4	38.7	36.7	86.1	.234	(a)	(a)	(c) SW	7.5	(a)	(a)	(a)	7.8	U St. cu. L St. cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.317	.121	29.196	30.12	71.9	65.3	62	71	.555	77.5	56.0	SE	4			0	5	acu	W	Pt Cloudy			O.E.R.	1
2	73.0	29.243	.126	29.117	30.04	65.5	62.2	60	84	.517	72.6	61.4	NW	4			.77	3 1	cist acu	W NW	Pt cloudy			O.E.R.	2
3	72.5	29.141	.125	29.016	29.94	63.5	60.0	58	82	.482	71.0	58.0	E	5			T	7	ast	W	Pt Cloudy			O.E.R.	3
4	70.0	28.910	.118	28.792	29.70	57.0	53.0	50	77	.360	64.6	53.8	NW	16	27	NW	.27	0	0	0	Clear			P.M.L.	4
5	70.5	29.152	.120	29.032	29.96	56.0	49.5	44	63	.287	60.5	50.3	W	5			0	8	ast	W	Cloudy			O.E.R.	5
6	73.0	29.154	.126	29.028	29.96	52.9	51.6	50	92	.360	55.4	52.0	W	7			.09	10	Nb	W	Lt Rain			O.E.R.	6
7	73.5	29.362	.128	29.234	30.16	50.0	44.7	39	66	.237	54.2	39.0	NE	4			0	3	cist	W	Clear			O.E.R.	7
8	73.5	29.260	.128	29.132	30.06	55.0	48.2	41	61	.256	60.1	43.0	NW	4			0	6	acu	NW	Pt Cloudy			O.E.R.	8
9	74.5	29.416	.131	29.285	30.23	40.5	35.5	28	62	.150	44.2	34.4	N	9			.04	5	acu	NW	Pt Cloudy			O.E.R.	9
10	73.0	29.508	.127	29.381	30.34	42.3	39.3	35	77	.203	46.6	31.7	W	4			0	0	0	0	Clear			P.M.L.	10
11	66.0	29.293	.108	29.185	30.12	48.0	43.5	39	70	.237	50.6	36.6	SW	9			0	10	St.	SW	Cloudy			P.M.L.	11
12	73.0	29.313	.126	29.187	30.12	53.0	50.0	47	82	.322	54.8	46.5	NW	2			T	10	St.	NW	Cloudy			P.M.L.	12
13	72.5	29.252	.125	29.127	30.06	55.0	51.0	48	76	.334	59.4	47.0	S	5			0	0	0	0	Clear			P.M.L.	13
14	74.0	28.922	.128	28.794	29.70	59.8	58.3	58	92	.482	63.9	51.4	W	6			T	10	St.	W	Cloudy			P.M.L.	14
15	74.0	29.055	.128	28.927	29.86	52.0	47.5	43	72	.277	59.0	45.0	SW	8			T	6	Cist.	W	Pt Cloudy	9 730 a 8 800 a	10 800 a 8 920 a	P.M.L.	15
16	74.5	28.916	.129	28.787	29.71	48.0	47.0	46	93	.310	59.8	45.0	NE	10			.19	10	Nb	NE	Lt. Rain			P.M.L.	16
17	72.0	29.228	.124	29.104	30.04	48.0	42.5	36	63	.211	53.0	41.0	W	3			0	0	0	0	Clear			P.M.L.	17
18	68.0	29.052	.112	28.940	29.87	47.4	45.2	43	85	.277	47.8	43.8	S	11			.01	10	St	S	Cloudy			P.M.L.	18
19	67.5	29.266	.112	29.154	30.10	36.3	31.8	25	61	.130	40.0	32.6	W	13	29	W	T	8	St.cu.	W	Cloudy			O.E.R.	19
20	69.5	29.144	.117	29.027	29.97	41.2	35.0	26	53	.136	44.5	35.7	SW	7			0	8	stcu	W	Cloudy			O.E.R.	20
21	75.0	29.010	.131	28.879	29.83	40.6	35.6	29	62	.157	42.7	31.6	SW	6			0	10	St	SW	Cloudy			O.E.R.	21
22	74.0	29.144	.129	29.015	29.97	40.8	35.2	27	57	.143	45.6	30.2	N	2			0	8	acu	NW	Cloudy			O.E.R.	22
23	73.5	29.159	.128	29.031	29.97	47.2	41.4	35	61	.203	54.8	39.0	SE	4			0	3	ast	W	Clear			O.E.R.	23
24	72.5	28.826	.123	28.703	29.63	39.8	39.4	39	97	.237	41.0	39.4	NE	8			.12	10	Nb	NE	Misting			O.E.R.	24
25	69.0	29.056	.115	28.941	29.88	41.0	39.0	37	84	.219	41.0	37.0	SW	6	27	W	T	10	St	SW	Cloudy			P.M.L.	25
26	72.0	29.046	.123	28.923	29.86	40.0	38.2	36	86	.211	44.4	36.2	W	15			.16	10	St	W	Cloudy			O.E.R.	26
27	74.5	29.250	.130	29.120	30.07	38.9	33.6	26	58	.136	38.9	29.8	SE	6			0	10	St	SW	Cloudy			O.E.R.	27
28	74.0	29.493	.130	29.363	30.32	28.0	26.5	24	82	.124	32.2	28.0	W	9			T	0	0	0	Clear			O.E.R.	28
29	75.5	29.634	.135	29.499	30.47	25.8	25.0	24	90	.124	31.8	20.0	W	4			.03	10	Nb	W	Lt. Snow			O.E.R.	29
30	75.5	29.610	.134	29.476	30.44	31.2	28.2	23	69	.118	32.1	24.2	NE	5			T	9	St.cu.	NE	Cloudy			O.E.R.	30
31	75.0	29.537	.133	29.404	30.36	40.0	35.2	28	62	.150	44.6	24.5	S	4			0	0	0	0	Clear			O.E.R.	31
Sums	(a)	(a)	(a)	901.799	930.86	1456.6	1338.4	1206	2290	7.945	(a)	(a)	(a)	205	(a)	(a)	1.68	200	(a)	(a)	(a)	1	1	(n)	(a)
Means	(a)	(a)	(a)	29.090	30.028	47.0	43.2	38.9	73.9	.256	(a)	(a)	(c) W	6.6	(a)	(a)	(a)	6.5	U acu L St.	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1925

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday	78	55	23	6	66				R	DNa	DNa										T				0	0	0	0	1
2	73	60	13	0	66				R	6:35a	9:35a	R	11:55a	12:15p	R	12:40p	1:40p				.77				0	0	0	0	2
3	71	57	14	2	64				R	DNa	DNa	R	6:38a	7:05a	R	10:30p	11:40p				.04				0	0	0	0	3
4	65	52	13	6	58				R	DNa	DNa	R	8:30a	9:25a	R	3:25p	4:45p				.45				0	0	0	0	4
5	60	50	10	3	55				R	DNa	DNa										.02				0	0	0	0	5
6	55	44	11	5	50				R	DNa	DNa	R	9:45a	3:40p	R	6:30p	7:30p				.09				0	0	0	0	6
7	54	37	17	4	46																0				0	0	0	0	7
8	60	41	19	4	50				R	DNp	Cont'd										T				0	0	0	0	8
9	51	33	18	8	42				R	Cont'd	DNa	Sm	DNa	8:40a	R	1:35p	1:50p	R	2:12p	2:35p	.18				0	T	0	T	9
10	47	30	17	4	38																0				0	0	0	0	10
11	51	35	16	5	43																0				0	0	0	0	11
12	55	46	9	7	50				R	D.N.a	D.N.a	R	3:55p	3:58p							T				0	0	0	0	12
13	59	46	13	2	52																0				0	0	0	0	13
14	64	50	14	5	57				R	5:12p	6:25p	R	6:56p	9:30p							T				0	0	0	0	14
15	59	44	15	5	52				R	11:34a	11:35a										T				0	0	0	0	15
16	58	43	15	2	50				R	12:20p	Cont'd										.33				0	0	0	0	16
17	53	41	12	3	47				R	Cont'd	DNa										.07				0	0	0	0	17
18	48	37	11	5	42				R	7:45a	12:20p	R	DNp	DNp							.01				0	0	0	0	18
19	40	32	8	6	36				Sm	10:05a	12:50p	Sm	4:10p	4:25p	Sm	7:15p	7:40p				T				0	T	0	T	19
20	44	34	10	3	39				R	7:10p	DNp										T				0	T	0	0	20
21	43	31	12	2	37																0				0	0	0	0	21
22	46	30	16	1	38																0				0	0	0	0	22
23	55	39	16	9	47																0				0	0	0	0	23
24	44	39	5	5	42				R	DNa	DNa	R	DNa	Cont'd							.19				0	0	0	0	24
25	41	36	5	4	38				R	Cont'd	6:25a	R	1:50p	2:05p							.08				0	0	0	0	25
26	44	36	8	2	40				R R	7:10p 7:15a	DNp 7:35a	R	8:20a	10:55a	RaSm	10:55a	11:45a	R	11:45a	3:50p	.17				0	T	0	T	26
27	39	30	9	6	34																0				0	0	0	0	27
28	34	25	9	4	30				R	DNa	DNa	Sm	DNa	8:15a	Sm	12:45p	1:10p	Sm	3:05p	4:15p	.08				0	0.6	T	.05	28
29	32	20	12	4	26				Sd	2:20p	Cont'd										.04*				0	0.3	0.3	.04*	29
30	32	23	9	2	28				Sd	Cont'd	9:00a										.03*				0	0.5	T	.03*	30
31	45	23	22	6	34																0				0	0	T	0	31
S	1600	1199	401	130	1397		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.55		Total excess or deficiency since Jan. 1,		0	1.4	(a)	(a)	(a)
M	51.6	38.7	12.9	4.2	45.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

* Melted as it fell, [illegible] estimated

SUMMARY FOR THE MONTH OF October, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean — .006)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.105	29.090	29.098	29.520	29	28.520	25	1.000	30.044	30.028	30.036	30.49	29	29.44	25	1.05
Corrected mean		29.092						Corrected mean		30.030					

TEMPERATURE.

Mean. Dry.			Mean. Wet.			Mean.			Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)									
40.4	47.0	43.7	38.7	43.2	41.0	51.6	38.7	45.2	78	1	20	29	58	23	1	5	25

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j) Maximum.		Minimum.		Clouds.
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.	Most frequent clouds: Strato-Cumulus.
36.7	38.9	37.8	86.1	73.9	80.0	2.34	2.56	2.45	1	0	9	0	Most frequent direction upper clouds: West. Most frequent direction lower clouds: Southwest.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5798	7.8	W	30	W	18	5	7	5	4	8	11	14	8	0

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.8	6.5	7.4	25	3	9	19	0	3	12

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.* Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
7, 8	—	10	2, 4,	0	3, 5, 8, 21, 22, 27, 29	1, 2,	15	15	0	0	1, 14	0	0	0

* not recorded after the occurrence of "Killing"

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.55	0.77	2	0			0			7	15	12	3	0	22	6	3	1.4	T

(w) Maximum precipitation in 5 minutes 0.16, date 2d; 10 minutes 0.24, date 2d; 15 minutes 0.31, date 2d

30 minutes 0.42, date 2d; 1 hour 0.63, date 2d; 2 hours 0.72, date 2d.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	None																			

The tipping bucket removed from gage at 6:40 pm 28th.

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

O. E. Russell, Observer in Charge Temporarily, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4	12 00 noon	11 00 am	71.5	28.922	.121	28.801	29.71	54.0	53.0	52	2	94	54.4	NE	7			.26	10	St cu	NE	Cloudy	ordered by Chicago	P.M.O.	4
16	2 00 pm	1 00 pm	74.5	29.046	.129	28.917	29.85	56.0	49.0	43	13	61	57.8	S	4			T	10	Nb	S	Lt. Rain	ordered by Chicago	P.M.O.	16
24	12 noon	11 00 am	72.5	28.917	.124	28.793	29.72	40.0	39.2	38	2	94	40.2	NE	12			.11	10	Nb	NE	Lt. Rain	Ordered by Chicago	O.E.R.	24
				Extremes of Pressure																					
						Highest																			
29"	9 00 am	8 00 am				29.520	30.49	24.0																	29
						Lowest																			
25"	4 30 am	3 30 am				28.520	29.44	41.0																	25

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	5	1	14	3	52	9	19	5	18	4	6	2							114	24
2	30	4	7	1	2	1	10	1	36	7	23	3	16	3	29	4			153	24
3	31	8	4	1	40	6			4	2	6	2	14	4	4	1			103	24
4	10	1	24	2	47	6	21	4			14	2	52	4	76	5			244	24
5													46	10	133	14			179	24
6	39	5							18	3	84	11	32	5					173	24
7	26	5	112	18	6	1													144	24
8	28	7	50	11	3	1									23	5			104	24
9	199	22	10	1											6	1			215	24
10											10	2	107	15	41	7			158	24
11									45	6	228	18							273	24
12											73	11	26	7	20	6			119	24
13			20	4	26	6	43	10	11	2			2	1	3	1			105	24
14							4	1	80	11	41	4	21	3	35	5			181	24
15											71	10	57	5	29	9			158	24
16	19	2	56	7	7	1	7	1	48	8	32	5							169	24
17	91	9									7	1	26	9	54	5			178	24
18									52	10	124	10	46	4					222	24
19											15	1	385	23					400	24
20											135	12	159	12					294	24
21	23	5									121	14	40	5					184	24
22	49	8									15	5	21	4	51	7			136	24
23					12	3	32	6	70	9	31	6							145	24
24	12	3	114	11	65	8									10	2			201	24
25											29	5	260	18	4	1			293	24
26							55	6	45	6	55	4	132	8					287	24
27									26	3	61	8	132	13					219	24
28													178	14	99	9			281	24
29											91	14	47	9	3	1			141	24
30	31	7	68	11	10	4									7	2			116	24
31			25	7	7	3	10	2	44	8	24	4							110	24
SUMS,	597	88	504	77	277	49	201	36	497	79	1296	154	1799	176	627	85	0	0	5798	744
PERCENTAGE,	10	12	9	10	5	7	3	5	9	10	22	21	31	24	11	11	0	0	a	a
AVG. HOURLY VELOCITY,	6.8	a	6.5	a	5.7	a	5.6	a	6.3	a	8.4	a	10.2	a	7.4	a	0	a	7.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, *192* 5.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.ø

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911. 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun and Berry street, rooms 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 1911.

ø Automatic rain gage in use after 7:05 am. of 1st.

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1925

Number of Station barometer, 656; sum of corrections, —.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.591	.119	29.472	30.43	28.2	27.7	27	94	.143	40.0	28.2	SW	1			0	2	St	SW	Clear		O.A.R.	1
2	70.5	29.513	.121	29.392	30.34	33.1	32.1	31	90	.172	44.1	31.6	N	1			0	5	Lt. Smoke	N	Clear		O.A.R.	2
3	70.0	29.551	.119	29.432	30.38	30.2	30.0	30	98	.164	46.4	30.2	NE	8			0	10	Dense Fog	NE	Foggy		O.A.R.	3
4	69.0	29.430	.117	29.313	30.26	32.0	30.5	28	85	.150	44.0	32.0	E	6			0	4	ci st	W	Pt Cloudy		O.A.R.	4
5	70.0	29.312	.119	29.193	30.12	49.3	48.8	48	96	.334	53.0	48.5	SW	19	25	S	.10	10	Nb	SW	Lt. Rain		O.A.R.	5
6	70.0	29.564	.119	29.445	30.39	33.6	32.6	32	90	.180	43.8	33.2	SW	7			0	1	ci st	W	Clear		O.A.R.	6
7	71.5	29.284	.122	29.162	30.09	42.5	42.0	42	96	.266	48.0	42.3	E	6			.37	10	Nb	E	Lt. Rain		P.M.D.	7
8	66.5	29.170	.109	29.061	30.01	30.1	29.4	28	93	.150	48.4	30.1	W	15	27	W	.10	10	Nb	W	Lt. Snow		O.A.R.	8
9	64.5	29.435	.105	29.330	30.29	20.1	18.3	14	73	.077	26.2	19.3	SW	7			0	2 1	ci st ci cu	W W	Clear		O.A.R.	9
10	67.5	29.348	.112	29.236	30.18	33.3	30.1	25	69	.130	36.8	31.4	S	10			0	4	a st	W	Pt Cloudy		O.A.R.	10
11	70.0	29.204	.118	29.086	30.03	39.1	35.8	32	74	.180	46.5	39.1	SW	10			0	0	0	0	Clear		O.A.R.	11
12	71.0	28.987	.120	28.867	29.80	45.6	45.0	44	95	.287	52.8	45.6	SE	3			.07	10	Nb	SE	Lt. Rain		O.A.R.	12
13	69.5	28.748	.115	28.633	29.54	46.3	44.3	42	86	.266	50.8	45.3	W	18	26	W	.05	10	St	NW	Cloudy		O.A.R.	13
14	68.0	29.127	.113	29.014	29.95	37.7	35.7	33	83	.187	49.0	37.7	SW	11			0	Few	a st	SW	Clear		O.A.R.	14
15	68.0	28.759	.112	28.647	29.58	33.3	33.3	33	100	.187	40.1	33.3	NE	16			.30	10	Nb	NE	Lt. Rain		O.A.R.	15
16	66.0	29.096	.107	28.989	29.94	31.4	29.4	26	79	.136	35.3	30.6	W	12			T	10	Nb	W	Lt. Snow		O.A.R.	16
17	65.0	29.649	.107	29.542	30.50	31.4	28.8	25	73	.130	32.0	30.9	W	9			T	9	St cu	W	Cloudy		O.A.R.	17
18	66.5	29.456	.110	29.346	30.30	35.0	32.2	28	75	.150	37.3	32.7	S	13			0	3 3	ci st a cu	W NW	Pt Cloudy		O.A.R.	18
19	69.0	29.262	.116	29.146	30.08	45.0	43.3	42	88	.266	45.3	43.3	SW	8			.04	10	St	SW	Cloudy		O.A.R.	19
20	70.5	29.461	.121	29.340	30.29	34.0	32.8	31	88	.172	40.0	33.0	SW	4			T	Few 2	a st st	W SW	Clear		O.A.R.	20
21	66.0	29.328	.108	29.220	30.16	37.1	34.8	32	81	.180	43.3	35.6	SW	12			0	0	0	0	Clear		O.A.R.	21
22	64.5	29.087	.103	28.984	29.92	34.3	30.8	25	67	.130	51.3	34.3	W	17	25	W	0	10	St	NW	Cloudy		O.A.R.	22
23	65.0	29.209	.105	29.104	30.06	22.9	20.7	15	70	.081	26.6	21.8	W	8			T	9	St cu	NW	Cloudy		O.A.R.	23
24	67.5	29.161	.112	29.049	30.01	25.7	23.9	20	78	.103	27.0	23.0	SW	9			0	6	a cu	NW	Pt Cloudy		O.A.R.	24
25	69.5	29.001	.116	28.885	29.83	33.4	31.8	29	84	.157	37.4	33.4	E	5			T	4	a st	SW	Pt Cloudy		O.A.R.	25
26	70.5	29.265	.120	29.145	30.09	26.0	25.0	23	88	.118	34.0	25.6	E	10			0	6 2	a st a cu	W NW	Cloudy		O.A.R.	26
27	71.5	29.021	.121	28.900	29.85	35.0	34.3	34	93	.195	35.2	33.9	W	8			.13	10	Nb	NW	Lt. Rain		O.A.R.	27
28	66.0	29.602	.109	29.493	30.46	22.5	20.5	16	72	.085	28.5	22.5	W	9			0	8	St cu	W	Cloudy		O.A.R.	28
29	66.5	29.676	.111	29.565	30.53	22.3	20.1	14	70	.077	26.8	21.9	E	3			0	10	a st	W	Cloudy		O.A.R.	29
30	68.5	29.358	.115	29.243	30.19	28.9	28.6	28	96	.150	28.9	27.5	SE	4			.02	10	St cu	SW	Cloudy		O.A.R.	30
31																								31
Sums		(a)	(a)	875.234	903.60	999.3	952.6	877	2524	5.003	(a)	(a)	(a)	269	(a)	(a)	1.18	186	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.174	30.120	33.3	31.8	29.2	84.1	.167	(a)	(a)	(c) SW	9.0	(a)	(a)	(a)	6.2	U a st. L Nb	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.0	29.516	.133	29.383	30.34	44.1	39.8	34	69	.195	49.8	28.2	SE	3			0	2	cist	W	Clear			O.E.R.	1
2	75.0	29.492	.133	29.359	30.31	46.4	42.4	38	72	.228	51.6	32.2	NE	3			0	0	0	0	Clear			P.M.C.D.	2
3	73.0	29.463	.127	29.336	30.29	44.0	41.0	38	78	.228	54.0	30.2	E	15			0	0	0	0	Clear	B 9:11 a E 10:15 a	B 6:40 a E 9:10 a	P.M.C.D.	3
4	72.0	29.368	.124	29.244	30.19	53.0	49.0	45	75	.298	57.0	32.0	SE	15			T	10	Nb	SE	Lt. Rain			P.M.C.D.	4
5	71.5	29.458	.123	29.335	30.28	43.8	41.9	40	86	.247	52.0	43.8	SW	7			.03	9	Stcu	SW	Cloudy			P.M.C.D.	5
6	73.0	29.508	.127	29.381	30.33	48.0	43.6	39	71	.237	53.3	33.6	O	0			0	10	St	O	Cloudy			P.M.C.D.	6
7	72.5	28.636	.123	28.513	29.43	44.7	44.2	44	96	.287	44.7	41.0	E	5			1.25	10	Nb	E	Lt. Rain			O.E.R.	7
8	68.0	29.410	.114	29.296	30.26	26.2	22.2	12	52	.070	31.4	26.2	W	11			T	0	0	0	Clear			O.E.R.	8
9	73.5	29.382	.129	29.253	30.21	36.8	32.3	26	62	.136	40.3	20.1	SW	5			0	0	0	0	Clear			O.E.R.	9
10	73.0	29.240	.126	29.114	30.05	46.5	40.3	32	58	.180	54.3	33.3	S	9			0	1	ast	W	Clear			O.E.R.	10
11	71.5	29.190	.122	29.068	30.01	52.8	46.4	40	61	.247	58.3	38.7	S	9			0	8	ast	SW	Cloudy			O.E.R.	11
12	75.0	28.583	.128	28.455	29.37	50.8	50.3	50	97	.360	52.7	45.5	W	11			1.09	10	Nb	W	Lt. Rain			O.E.R.	12
13	72.5	28.962	.124	28.838	29.76	49.0	43.8	38	66	.228	51.8	45.2	W	12			0	0	0	0	Clear			O.E.R.	13
14	73.0	29.145	.126	29.019	29.96	40.1	37.5	34	79	.195	49.0	37.7	NE	8			0	10	St	N	Cloudy			O.E.R.	14
15	70.0	28.972	.118	28.854	29.80	34.3	33.3	32	90	.180	35.0	32.2	W	13			.12	10	Nb	NW	Lt. Snow			O.E.R.	15
16	70.5	29.391	.121	29.270	30.23	32.0	29.5	26	74	.136	34.1	31.4	W	14	26	W	T	10	Nb	W	Lt. Snow			O.E.R.	16
17	70.0	29.635	.120	29.515	30.48	37.3	33.8	29	70	.157	42.0	31.4	S	10			0	1	cist	W	Clear			O.E.R.	17
18	70.0	29.293	.119	29.174	30.11	45.0	42.7	40	84	.247	48.5	35.0	SW	18	25	SW	T	10	Nb	SW	Lt. Rain			O.E.R.	18
19	73.0	29.347	.126	29.221	30.16	40.0	37.4	34	79	.195	46.2	39.4	W	5			0	8	Stcu	W	Cloudy			O.E.R.	19
20	71.5	29.401	.123	29.278	30.23	43.3	39.8	35	74	.203	50.1	34.0	SW	10			0	0	0	0	Clear			O.E.R.	20
21	68.5	29.080	.114	28.966	29.91	51.3	44.1	36	56	.211	59.4	37.1	SW	14			0	0	0	0	Clear			O.E.R.	21
22	64.0	29.216	.102	29.114	30.06	26.6	24.3	20	72	.103	35.8	26.6	NW	14	29	W	T	10	St	NW	Cloudy			O.E.R.	22
23	69.0	29.205	.116	29.089	30.05	27.0	23.7	17	61	.089	29.3	22.9	W	6			T	6 2	acu Stcu	NW W	Cloudy			O.E.R.	23
24	69.5	29.098	.116	28.982	29.93	36.5	31.7	24	59	.124	40.6	25.7	SW	10			0	2 2	ci St acu	W W	Pt Cloudy			O.E.R.	24
25	73.0	29.264	.126	29.138	30.09	34.0	31.7	28	79	.150	46.1	33.0	NE	9			0	3	cist	W	Clear			O.E.R.	25
26	72.5	28.985	.124	28.861	29.81	35.0	32.5	29	77	.157	36.5	26.0	E	8			T	10	Nb	E	Lt. Rain			O.E.R.	26
27	71.5	29.418	.123	29.295	30.26	28.5	26.5	23	78	.118	37.7	28.5	W	15			T	10	St	W	Cloudy			P.M.C.D.	27
28	71.5	29.684	.124	29.560	30.53	26.0	23.0	16	64	.085	27.2	22.5	W	5			T	8	ast	W	Cloudy			P.M.C.D.	28
29	69.0	29.535	.117	29.418	30.39	28.3	28.1	28	98	.150	30.7	22.3	SE	5			.01	10	Nb	SE	Lt. Snow			O.E.R.	29
30	71.5	29.112	.121	28.991	29.94	39.2	37.2	34	84	.195	40.0	28.9	SW	8			T	10	St.	SW	Cloudy			P.M.C.D.	30
31																									31
Sums		(a)	(a)	874.320	902.77	1190.5	1094.0	961	2221	5.636	(a)	(a)	(a)	277	(a)	(a)	2.50	182	(a)	(a)	(a)	1	1	(v)	(a)
Means		(a)	(a)	29.144	30.092	39.7	36.5	32.0	74.0	.188	(a)	(a)	(c) W	9.2	(a)	(a)	(a)	6.1	U cist L Nb	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1925

Date.	Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	TEMPERATURE.								PRECIPITATION.																				
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	50	28	22	5	39																0				0	0	0	0	1
2	52	32	20	3	42																0				0	0	0	0	2
3	54	30	24	0	42																0				0	0	0	0	3
4	57	32	25	2	44				R	6:36p	Cont'd										.01				0	0	0	0	4
5	52	39	13	2	46				R	Cont'd	DNa	R	DNa	10:30a							.12				0	0	0	0	5
6	53	33	20	3	43																0				0	0	0	0	6
7	48	38	10	0	43				R	DNa	8:00p										1.72				0	0	0	0	7
8	38	23	15	13	30				Sd	DNa	10:50a										T				0	T	T	T	8
9	40	19	21	0	30																0				0	0	0	0	9
10	54	31	23	12	42																0				0	0	0	0	10
11	58	39	19	6	48																0				0	0	0	0	11
12	53	46	7	2	50				R	DNa	8:45p	R	DNp	Cont'd							1.17				0	0	0	0	12
13	52	45	7	2	48				R	Cont'd	5:15a										.04				0	0	0	0	13
14	49	37	12	5	43																0				0	0	0	0	14
15	37	32	5	9	34				R	12:25a	10:00a	Sm	10:00a	3:15p	Sm	5:50p	7:00p				.42				0	T	T	.06	15
16	34	31	3	2	32				Sm	DNa	8:30a	Sm	12:30p	7:10p							T				0	T	T	T	16
17	42	31	11	4	36																0				0	T	0	0	17
18	48	33	15	4	40				R	4:15p	9:30p	R	DNp	Cont'd							.04				0	0	0	0	18
19	46	38	8	2	42				R	Cont'd	DNa	R	7:25p	9:00p							T				0	0	0	0	19
20	50	33	17	0	42																0				0	0	0	0	20
21	59	36	23	6	48																0				0	0	0	0	21
22	45	24	21	14	34				Sd	10:45a	5:15p	Sd	7:45p	8:20p							T				0	T	T	T	22
23	29	22	7	8	26				Sd	2:50p	3:35p	Sd	5:30p	5:45p							T				0	T	T	T	23
24	41	24	17	6	32																0				0	0	0	0	24
25	46	28	18	5	37				R	DNa	DNa										T				0	0	0	0	25
26	36	26	10	6	31				R	6:35p	Cont'd										.05				0	0	0	0	26
27	38	25	13	1	32				R	Cont'd	10:15a	Sd	2:05p	2:25p							.08				0	T	0	T	27
28	27	22	5	8	24				Sd	10:40a	3:15p										T				0	T	0	T	28
29	31	22	9	2	26				Sd	9:00a	DNp										.03				0	0.1	0.1	.03	29
30	40	28	12	8	34				R	4:55p	6:10p										T				0	0.2	0	0	30
31																													31
S	1359	927	432	140	1140		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.68		Total excess or deficiency since Jan. 1,		0	0.3	(a)	(a)	(a)
M	45.3	30.9	14.4	4.7	38.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

melted as it fell.

SUMMARY FOR THE MONTH OF November, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.174	29.144	29.159	29.600	17	28.420	13	1.180	30.120	30.092	30.106	30.56	17	29.33	13	1.23
Corrected mean		29.152						Corrected mean		30.099					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
33.3	39.7	36.5	31.8	36.5	34.2	42.3	30.9	38.1	59	21	19	9	40	25	4	3	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
29.2	32.0	30.6	84.1	74.0	79.0	.167	.188	.178	3	0	18	0

Clouds.
Most frequent clouds: Nimbus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7197	10.0	SW	29	W	22	1	5	8	5	5	17	17	1	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.7	6.1	6.2	35	10	4	16	0	0	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None recorded.			0.	0	4, 11, 14, 18, 24	24	3	3	0	0	1, 2,	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.68	1.72	7	0			0			8	10	8	3	2	18	8	2	0.3	0

(w) Maximum precipitation in 5 minutes 0.06, date 7"; 10 minutes 0.09, date 7"; 15 minutes 0.10, date 7"
30 minutes 0.17, date 7"; 1 hour 0.24, date 7"; 2 hours 0.40, date 7"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None.																				
1st. 7:05 a.m. Tipping bucket replaced in gage																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. M. Lamsych, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1925

Number of Station barometer, 656; sum of corrections, -0.09 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4"	2:00 pm	1:00 p.m.	73.0	29.394	.127	29.267	30.21	55.0	50.0	46	9	71	55.4	SE	12			0	10	St cu	SW	Cloudy	Ordered by Chicago	P.M.G.	4"
7"	12:00 noon	11:00 am	74.0	29.084	.128	28.956	29.90	42.1	41.6	41	1	96	42.5	E	13			.42	10	Nb	E	Lt. Rain	Ordered by Chicago	O.K.R.	7"
12"	2:00 pm	1:00 pm	74.5	28.695	.128	28.567	29.48	50.0	49.5	49	1	96	50.0	E	7			.57	10	Nb	E	Lt. Rain	Ordered by Chicago	O.K.R.	12"
14"	12:00 noon	11:00 am	72.0	29.171	.124	29.047	29.99	47.6	43.7	40	8	74	47.6	W	10			0	3	Ci St	SW	Clear	Ordered by Chicago	O.K.R.	14"
18"	2:00 pm	1:00 pm	71.5	29.340	.122	29.218	30.16	47.3	41.0	33	14	58	47.3	SW	14			0	9	St	W	Cloudy	Ordered by Chicago	O.K.R.	18"
26"	12:00 noon	11:00 am	71.0	29.197	.121	29.076	30.03	35.0	32.0	28	7	73	35.0	E	10			0	10	a St	W	Cloudy	Ordered by Chicago	O.K.R.	26"
27"	2:00 pm	1:00 pm	74.0	29.218	.129	29.089	30.04	33.0	31.0	28	5	80	37.7	W	18			T	10	St cu	W	Cloudy	Ordered by Chicago	P.M.G.	27"
30"	4:00 pm	3:00 pm	73.0	29.123	.125	28.998	29.95	39.0	36.0	32	7	76	39.4	S	7			0	9	St cu	SW	Cloudy	Ordered by Chicago	P.M.G.	30"
						Extremes of pressure																			
						Highest																			
17"	11:15 am	10:15 am				29.600	30.56	34.0																	17"
						Lowest																			
13"	2:00 am	1:00 am				28.420	29.33	47.0																	13"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1					30	9	24	6	3	1	16	7					0	1	73	24
2	17	5	67	18	3	1													87	24
3			18	3	199	21													217	24
4					56	8	153	14	21	2									230	24
5							11	1	102	6	132	10	67	7					312	24
6							10	2			111	19	22	3					143	24
7			24	2	122	11	19	4	14	2			26	2	31	3			236	24
8													193	17	85	7			278	24
9									19	2	148	19	19	3					186	24
10							8	1	217	20	31	3							256	24
11									89	10	139	14							228	24
12					41	6	66	11	5	1	32	3	37	3					181	24
13													309	21	62	3			371	24
14	14	2	58	6							39	4	103	9	23	3			237	24
15	45	3	129	8									88	7	99	6			361	24
16													348	24					348	24
17									71	6	150	14	43	4					264	24
18									90	7	246	17							336	24
19											153	14	64	8	15	2			232	24
20											116	12	80	9	20	3			216	24
21											353	24							353	24
22											13	1	360	21	29	2			402	24
23											22	3	200	21					222	24
24									19	2	251	22							270	24
25	52	6	86	12	9	2	13	3	6	1									166	24
26			42	6	173	18													215	24
27			8	2									113	7	169	15			290	24
28											7	2	142	16	30	6			179	24
29					8	3	94	17							9	4			111	24
30					11	3	40	7	72	8	7	1	67	5					197	24
31																				
SUMS,	128	16	432	57	652	82	438	66	728	68	1966	189	2281	187	572	54	0	1	7197	720
PERCENTAGE,	2	2	6	8	9	11	6	9	10	10	28	26	31	26	8	8	0	0	a	a
AVG. HOURLY VELOCITY,	8.0	a	7.6	a	8.0	a	6.6	a	10.7	a	10.4	a	12.2	a	10.6	a	0	a	10.0	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *192* 5.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.≠

†No. of dry thermometer in use, 7964 ϕ; No. of wet thermometer in use, 7731; No. of maximum thermometer in use, 20330; No. of minimum thermometer in use, 14577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date ; amount of change in height of barometer, feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun and Berry streets room 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ϕ Replaced exposed thermometer No. 6946 on the (1) 1st, the latter instrument being broken.
≠ Automatic rain gage not in use after 7:00 p.m. of 5."

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.340	.119	29.221	30.16	34.6	32.6	30	82	.164	39.9	34.6	NW	4			0	10	St	NW	Cloudy		P.M.C.	1
2	70.5	29.340	.120	29.220	30.16	30.0	29.0	27	89	.143	36.0	30.0	NE	8			0	10	St	E	Cloudy		P.M.C.	2
3	71.0	29.140	.121	29.019	29.97	33.0	33.0	33	100	.187	34.8	32.6	SE	2			0	10	Dense Fog	SE	Foggy		P.M.C.	3
4	73.0	28.780	.124	28.656	29.58	43.0	42.0	41	92	.256	46.7	41.6	SE	12			.06	10	Nb	SE	Lt. Rain		P.M.C.	4
5	70.0	28.562	.116	28.446	29.37	36.9	34.4	31	79	.172	54.2	36.9	S	20	26	S	.15	10	St cu	SW	Cloudy		P.M.C.	5
6	65.5	28.880	.106	28.774	29.72	24.4	23.2	21	85	.108	24.4	20.7	SW	13	28	SW	.01	10	Nb	SW	Lt. Snow		P.M.C.	6
7	61.0	29.042	.094	28.948	29.91	24.0	23.0	21	87	.108	29.0	23.2	SW	13			.01	1	St	SW	Clear		P.M.C.	7
8	68.0	29.160	.113	29.047	30.00	36.3	34.3	31	82	.172	38.7	33.9	SW	4			0	10	St	SW	Cloudy		P.M.C.	8
9	70.0	29.064	.118	28.946	29.90	32.7	30.2	27	75	.143	36.6	32.7	W	10			0	8	St cu	W	Cloudy		P.M.C.	9
10	70.0	29.166	.118	29.048	30.01	23.0	21.7	19	83	.098	30.0	21.8	W	6			0	1	St	W	Clear		P.M.C.	16
11	71.5	28.812	.120	28.692	29.63	32.9	31.9	31	90	.172	32.9	27.8	S	11			0	2	a St	W	Clear		P.M.C.	11
12	69.0	28.822	.114	28.708	29.65	33.4	32.9	32	95	.180	36.4	32.7	SW	11			T	10	St	SW	Cloudy		P.M.C.	12
13	69.5	29.116	.116	29.000	29.95	23.8	22.3	19	81	.098	39.7	23.6	W	8			0	1	St	W	Clear		P.M.C.	13
14	75.0	29.325	.132	29.193	30.14	25.8	24.6	22	85	.113	30.0	25.8	NE	8			0	10	St cu	NE	Cloudy		P.M.C.	14
15	70.5	29.292	.120	29.172	30.13	24.0	22.4	19	80	.098	28.3	22.0	E	9			0	10	St cu	E	Cloudy		P.M.C.	15
16	72.0	29.220	.124	29.096	30.05	29.0	27.0	24	78	.124	29.0	25.4	SW	5			.01	10	St	SW	Cloudy		P.M.C.	16
17	69.0	29.176	.116	29.060	30.02	21.9	20.2	16	76	.085	25.0	18.6	SW	6			T	10	St cu	W	Cloudy		P.M.C.	17
18	68.0	29.338	.113	29.225	30.19	11.8	11.0	9	84	.060	18.8	11.6	W	8			T	10	Nb	W	Lt. Snow		P.M.C.	18
19	66.0	29.062	.107	28.955	29.92	27.4	25.4	21	76	.108	27.8	23.3	SW	9			0	2	a St	W	Clear		P.M.C.	19
20	74.0	28.912	.128	28.784	29.72	32.7	30.2	27	75	.143	37.7	32.7	NE	3			0	10	St	NE	Cloudy		P.M.C.	20
21	78.0	29.060	.138	28.922	29.87	32.0	31.0	30	90	.164	37.6	32.0	NE	5			T	10	Nb	NE	Lt. Snow		P.M.C.	21
22	76.0	29.208	.134	29.074	30.02	26.0	25.5	25	94	.130	30.3	26.0	N	5			.04	10	Nb	N	Lt. Snow		P.M.C.	22
23	69.0	29.508	.117	29.391	30.36	14.6	14.2	13	93	.074	21.8	13.8	SW	9			.01	10	Nb	SW	Lt. Snow		P.M.C.	23
24	68.5	29.371	.115	29.256	30.22	24.6	23.1	20	81	.103	32.0	22.5	W	5	32	SW	.01	8	St cu	W	Cloudy		P.M.C.	24
25	73.5	29.120	.127	28.993	29.94	25.0	23.0	19	75	.098	33.6	25.0	NW	12			.08	10	St.	N	Cloudy		P.M.C.	25
26	72.0	29.130	.124	29.006	29.98	6.0	5.2	1	80	.040	9.2	4.6	W	10			0	10	St.	W	Cloudy		P.M.C.	26
27	65.0	29.426	.106	29.320	30.32	-5.0	-5.4	-8	83	.025	3.2	-5.0	W	9			T	0	0	0	Clear		P.M.C.	27
28	64.5	29.710	.105	29.605	30.61	3.2	3.0	2	94	.042	3.2	-2.0	W	10			T	10	Nb	W	Lt. Snow		O.E.R.	28
29	67.5	29.712	.114	29.598	30.60	1.0	0.8	0	94	.038	8.7	-0.4	SW	7			0	0	0	0	Clear		O.E.R.	29
30	69.0	29.626	.118	29.508	30.49	9.7	9.0	6	85	.052	11.0	6.6	W	5			0	4	a St	W	Pt Cloudy		O.E.R.	30
31	72.0	29.647	.126	29.521	30.50	12.0	12.0	12	100	.070	21.8	12.0	SW	12			0	0	0	0	Clear		O.E.R.	31
Sums		(a)	(a)	901.404	931.09	729.7	692.7	621	2643	3.568	(a)	(a)	(a)	259	(a)	(a)	0.38	217	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.078	30.035	23.5	22.3	20.0	85.3	.115	(a)	(a)	(c) SW	8.4	(a)	(a)	(a)	7.0	U a.St L St.	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	29.400	.125	29.275	30.23	35.2	32.2	28	73	.150	36.7	34.3	N	3			0	10	st	N	Cloudy			O.E.R.	1
2	72.5	29.215	.125	29.090	30.04	34.8	33.3	31	86	.172	41.2	29.8	E	9			0	0	0	0	Clear			O.E.R.	2
3	72.0	29.024	.123	28.901	29.84	46.7	44.2	42	83	.266	52.4	32.5	E	3			0	8	acu	SW	Cloudy	B 9:30 a E 11:30 p	B 9:30 a E 9:30 a	O.E.R.	3
4	74.5	28.520	.127	28.393	29.30	54.2	52.0	50	87	.360	54.2	42.5	SE	14			.24	9	stcu	SW	Lt. Rain			O.E.R.	4
5	66.5	28.796	.108	28.688	29.63	23.8	22.0	18	77	.093	36.9	23.8	SW	28	33	SW	T	10	nb	SW	Lt. Snow			O.E.R.	5
6	61.0	28.928	.094	28.834	29.78	28.0	26.4	24	81	.124	28.0	24.4	SW	15			.04	10	st	SW	Cloudy			P.M.L.	6
7	70.0	29.274	.119	29.155	30.11	38.2	33.4	27	61	.143	38.7	22.9	SW	8			0	10	st	SW	Cloudy			O.E.R.	7
8	69.0	29.105	.115	28.990	29.94	34.8	33.3	31	86	.172	38.9	34.0	W	16	27	W	T	10	stcu	W	Cloudy			O.E.R.	8
9	73.5	29.105	.127	28.978	29.93	30.0	26.3	19	60	.098	33.8	30.0	NW	14			0	10	stcu	NW	Cloudy			O.E.R.	9
10	73.5	29.113	.127	28.986	29.95	30.8	25.6	14	47	.077	34.6	22.0	SW	5			0	0	0	0	Clear			O.E.R.	10
11	71.0	28.735	.119	28.616	29.55	34.3	33.3	32	90	.180	51.3	32.9	W	16	28	W	T	10	nb	W	Lt. Rain			O.E.R.	11
12	71.5	28.863	.120	28.743	29.68	39.7	36.7	33	76	.187	48.9	33.4	W	14	28	SW	0	2	stcu	W	Clear			O.E.R.	12
13	77.0	29.222	.137	29.085	30.04	30.0	27.5	23	73	.118	33.4	23.4	SW	7			0	10	st	SW	Cloudy			P.M.L.	13
14	75.0	29.400	.133	29.267	30.23	28.3	26.3	23	77	.118	32.6	25.8	E	6			0	0	0	0	Clear			O.E.R.	14
15	73.0	29.123	.125	28.998	29.96	28.0	27.0	25	88	.130	29.7	24.0	N	6			T	10	nb	N	Lt. Snow			O.E.R.	15
16	72.5	29.203	.125	29.078	30.04	24.5	22.5	18	74	.093	29.7	23.3	W	7			0	10	st	W	Cloudy			O.E.R.	16
17	70.0	29.283	.119	29.164	30.12	18.8	17.2	13	75	.074	25.4	18.8	W	10			T	1	stcu	W	Clear			O.E.R.	17
18	71.0	29.223	.121	29.102	30.06	23.6	21.2	16	68	.085	27.0	11.8	SW	12			T	0	0	0	Clear			O.E.R.	18
19	73.0	28.945	.125	28.820	29.76	37.7	32.9	26	60	.136	44.0	27.4	S	5			0	10	ast	SW	Cloudy			O.E.R.	19
20	76.0	28.954	.133	28.821	29.76	37.0	35.0	32	83	.180	41.4	31.6	SW	10			T	10	st	SW	Cloudy			P.M.L.	20
21	79.5	29.161	.143	29.018	29.97	30.3	29.3	28	89	.150	32.8	30.3	N	7			.10	10	st	N	Cloudy			O.E.R.	21
22	75.0	29.364	.132	29.232	30.19	21.8	20.3	17	79	.089	26.4	21.8	W	12			.02	10	nb	NW	Lt. Snow			O.E.R.	22
23	69.0	29.156	.116	29.040	30.00	22.5	21.0	18	80	.093	22.9	13.5	SW	22	26	S	.01	10	nb	SW	Lt. Snow			O.E.R.	23
24	73.5	29.150	.128	29.022	29.97	33.6	30.6	26	72	.136	35.2	23.8	S	5			0	8	acu	W	Cloudy			P.M.L.	24
25	73.0	29.214	.126	29.088	30.06	9.2	8.6	6	86	.052	26.0	9.2	W	13			T	0	0	0	Clear			P.M.L.	25
26	68.0	29.180	.113	29.067	30.05	3.2	2.8	1	89	.040	12.0	3.0	W	16	25	W	T	10	nb	W	Lt. Snow			P.M.L.	26
27	70.0	29.630	.120	29.510	30.51	0.4	0.0	-3	87	.032	8.0	-5.0	W	14			0	0	0	0	Clear			P.M.L.	27
28	67.5	29.759	.114	29.645	30.65	8.7	8.3	7	91	.054	14.1	3.2	SW	8			.02	0	0	0	Clear			O.E.R.	28
29	72.0	29.708	.126	29.582	30.58	11.0	10.2	7	83	.054	17.0	0.4	SW	6			0	0	0	0	Clear			O.E.R.	29
30	76.0	29.624	.135	29.489	30.47	21.8	20.0	16	75	.085	24.8	9.5	W	4			0	2	stcu	NW	Clear			O.E.R.	30
31	75.0	29.540	.133	29.407	30.38	29.3	26.8	22	72	.113	36.2	11.8	SW	12			0	0	0	0	Clear			P.M.L.	31
Sums		(a)	(a)	901.084	930.78	850.2	786.2	670	2408	3854	(a)	(a)	(a)	327	(a)	(a)	0.43	190	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.067	30.025	27.4	25.4	21.6	77.7	.124	(a)	(a)	(c) SW	10.5	(a)	(a)	(a)	6.1	U acu L st	U SW L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1925

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	37	34	3	2	36																0				0	0	0	0	1
2	41	30	11	0	36																0				0	0	0	0	2
3	52	32	20	6	42																0				0	0	0	0	3
4	54	42	12	6	48				R	6:05a	7:05a	R	9:55a	DNP							44				0	0	0	0	4
5	44	21	23	16	32				R	DNa	DNa	Sd	7:30a	Cont'd							.01 Ø				0	T	T	T Ø	5
6	29	23	6	6	26				Sd	Cont'd	5:00p	Sm	7:05p	DNP							.06 Ø				0	0.5	0.5	.06 Ø	6
7	39	23	16	5	31																0				0	0.1	T	0	7
8	39	34	5	5	36				Sd	7:05a	7:35a	R	3:10p	6:00p							T				0	T	T	T	8
9	37	28	9	4	32																0				0	0	0	0	9
10	35	22	13	4	28																0				0	0	0	0	10
11	51	28	23	12	40				R	5:15p	8:00p										T				0	0	0	0	11
12	49	28	21	2	38																0				0	0	0	0	12
13	33	23	10	10	28																0				0	0	0	0	13
14	33	24	9	0	28																0				0	0	0	0	14
15	30	22	8	2	26				Sd	3:40p	DNP										.01				0	T	T	.01	15
16	30	20	10	1	25																0				0	0.1	T	0	16
17	25	15	10	5	20				Sd	DNa	6:30a	Sd	7:05a	4:00p							T				0	T	T	T	17
18	27	12	15	0	20				Sd	6:35a	10:00a										T				0	T	T	T	18
19	44	25	19	14	34																0				0	0	0	0	19
20	41	32	9	2	36				Sm	11:20a	11:35a	Sm	2:05p	2:20p							T				0	T *	0	T *	20
21	36	27	9	4	32				Sm	DNa	5:10p										.10				0	T	T	.10	21
22	27	18	9	10	22				Sm	DNa	10:15a	Sd	2:15p	2:45p	Sd	4:20p	Cont'd				.06 Ø				0	0.6	0.6	.06 Ø	22
23	31	14	17	0	22				Sd	Cont'd	11:20a	Sd	5:30p	8:00p							.03 Ø				0	0.2	0.8	.03 Ø	23
24	35	24	11	8	30																0				0	0.1	0.5	0	24
25	33	7	26	10	20				Sm	DNa	5:15a	Sm	7:40a	11:10a	Sm	11:50a	1:15p				.08				0	0.8	1.3	.08	25
26	12	-1	13	14	6				Sd	5:15p	7:30p										T				0	T	1.3	T	26
27	8	-5	13	4	2																0				0	T	1.3	0	27
28	14	-1	15	4	6				Sd	DNa	10:30a										.02				0	0.2	1.5	.02	28
29	17	0	17	2	8																0				0	0	1.5	0	29
30	25	8	17	8	16																0				0	0	1.5	0	30
31	36	12	24	8	24																0				0	0	1.2	0	31
S	1044	621	423	174	830		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.81		Total excess or deficiency since Jan. 1,		0	2.6	(a)	(a)	(a)
M	33.7	20.0	13.6	5.6	26.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

* Melted as it fell

Ø Amounts before and after

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SUMMARY FOR THE MONTH OF December, 1925

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.078	29.067	29.072	29.680	28	28.360	4	1.320	30.035	30.025	30.030	30.69	28	29.27	4	1.42
Corrected mean		29.066						Corrected mean		30.024					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
23.5	27.4	25.4	22.3	25.4	23.8	33.7	20.0	26.8	54	4	-5	27	59	26	25	3	1

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
20.0	21.6	20.8	85.3	77.7	81.5	.115	.124	.120	12	0	27	4

CLOUDS.

Most frequent clouds: Strato-Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7694	10.3	SW	33	SW	5	4	4	4	3	4	21	19	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.0	6.1	7.1	28	6	7	18	0	0	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			0	0	19	0	3	3	0	0	24	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.81	0.45	4-5	0			0			6	9	5	1	0	15	13	7	2.6	1.2

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic raingage not in use after 7 p.m. of the 5th																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

P. M. Denrough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11"	2 00 pm.	1 00 pm.	73.0	28.629	.124	28.505	29.42	50.5	43.5	36	14	56	51.3	SW	22	25	SW	0	8	a St	SW	Cloudy	Ordered by Chicago	P.M.L.	11"
				Pressure Extremes																					
					Highest																				
28	11 30 am	10 30 am				29.680	30.69	7.0																	28"
					Lowest																				
4"	10 50 pm	9 50 pm				28.360	29.27	53.0																	4"

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1925, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90TH meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	27	7	17	5	5	1							36	5	39	6			124	24
2			97	12	82	12													179	24
3					30	7	77	17											107	24
4							201	21	9	1	27	2							237	24
5									123	7	367	17							490	24
6											383	24							383	24
7											236	19	25	5					261	24
8			3	1					8	2	126	11	123	10					260	24
9													194	16	94	8			288	24
10									32	4	20	4	127	16					179	24
11									88	8	129	8	130	8					347	24
12											169	11	126	9	54	4			349	24
13											50	7	130	15	18	2			198	24
14	7	1	122	14	30	5							8	1	17	3			184	24
15	14	2	129	15	52	5									14	2			209	24
16											27	4	146	16	29	4			202	24
17											46	6	200	18					246	24
18											161	13	129	11					290	24
19									57	10	166	14							223	24
20	7	3	6	2	10	3	8	2	28	6	51	7	4	1					114	24
21	72	11	57	10	3	1					7	2							139	24
22	73	13											91	7	43	4			207	24
23									82	4	298	17	38	3					418	24
24									70	9	75	8	38	4	32	3			215	24
25											38	4	182	13	70	7			290	24
26											30	3	338	21					368	24
27											8	1	320	23					328	24
28											100	12	145	12					245	24
29											149	20	26	4					175	24
30											103	16	44	6	13	2			160	24
31											254	22	25	2					279	24
SUMS,	200	37	431	59	212	34	286	40	497	51	3020	252	2625	226	423	45	0	0	7694	744
PERCENTAGE,	3	5	6	8	3	5	4	5	6	7	39	34	34	30	5	6	0	0	a	a
AVG. HOURLY VELOCITY,	5.4	a	7.4	a	6.2	a	7.2	a	9.7	a	12.0	a	11.2	a	9.4	a	0	a	10.3	a

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Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1925.

STATION

Fort Wayne, Indiana

LOCATION OF OFFICE DECEMBER 31, 1925.

Street, Corner of Calhoun & Berry

Number, Tri-State Building

Room, 911-912

SUM OF BAROMETER CORRECTIONS.

From 8 a. m. Jan. 1 to 8 p. m. Dec. 31, inc., -.009 in.

From ..... m. ..... to ..... m. ....., inc., ... in.

From ..... m. ..... to ..... m. ....., inc., ... in.

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	26.7	24.2	20	73	.105	5.9	a st	st	W	SW
Feb.,	36.5	32.9	27	68	.165	6.4	a st	st cu	W	SW
Mar.,	42.6	37.2	30	62	.178	4.4	ci st a st	st cu	W	NW
Apr.,	59.7	49.7	40	50	.270	4.7	a st	cu	W	SW
May,	62.3	51.0	41	47	.270	5.3	ci st	cu	W	NW
June,	78.9	64.8	56	48	.469	5.1	a st	cu	W	SW
July,	78.2	66.9	61	57	.553	5.0	ci st	cu	NW	NW
Aug.,	80.4	66.2	58	48	.495	3.9	a cu	cu	NW	N
Sept.,	75.2	64.6	59	58	.510	5.7	a st a cu	cu	W	N NW
Oct.,	48.0	43.3	38	70	.248	7.5	a st	st cu	W	SW
Nov.,	41.3	37.2	32	69	.185	6.0	a st	st cu	SW	W
Dec.,	29.3	26.5	21	72	.122	7.0	a st	st cu	W	SW
Sum,	659.1	564.5	483	722	3.570	66.9	—	—	—	—
Mean,	54.9	47.0	40	60	.298	5.6	a. st.	cu.	W	SW

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 1925.—STATION Fort Wayne, Indiana

Latitude N. 41° 5′ Longitude W. 85° 10′ Local time 0 h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c) In.	8 p. m. (c) In.	Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	CORRECTED MONTHLY SEA-LEVEL PRESSURE. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d) °	8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Min. (d) °	Monthly. (d) °	Highest. (e) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Mean daily. (d) °	Mean daily change. (d) °
Jan.,	29.247	29.223	29.230	29.800	23	28.810	12	0.990	30.193	19.5	26.3	31.8	15.5	23.6	46	31	-4	28	50	16.3	6.4
Feb.,	29.084	29.085	29.079	29.460	2	28.620	23	0.840	30.027	30.2	35.9	42.6	26.1	34.4	68	8	5	27	63	16.5	6.7
Mar.,	29.171	29.139	29.150	29.560	15	28.600	18	0.960	30.096	33.5	41.7	49.7	29.4	39.6	74	26	2	3	72	20.3	7.6
Apr.,	29.133	29.073	29.098	29.450	6	28.590	19	0.860	30.028	46.0	58.3	65.4	42.7	54.0	88	24	27	5	61	22.7	5.0
May,	29.103	29.047	29.070	29.440	27	28.590	3	0.850	29.995	50.3	62.0	67.7	44.4	56.0	90	22	33	25	57	23.3	5.9
June,	29.094	29.041	29.064	29.440	30	28.719	24	0.721	29.972	67.7	76.8	82.9	61.5	72.2	97	5	50	30	47	21.4	4.5
July,	29.065	29.018	29.039	29.350	1	28.781	16	0.569	29.947	67.4	76.0	82.3	62.3	72.3	93	11	53	23	40	20.1	3.9
Aug.,	29.193	29.147	29.166	29.506	25	28.800	13	0.706	30.080	65.4	77.1	83.9	61.1	72.5	94	30	52	27	42	22.8	3.0
Sept.,	29.119	29.084	29.097	29.430	29	28.790	20	0.640	30.010	64.1	71.9	79.2	61.1	70.2	96	5	46	25	50	18.1	4.4
Oct.,	29.105	29.090	29.092	29.520	29	28.520	25	1.000	30.030	40.4	47.0	51.6	38.7	45.2	78	1	20	29	58	12.9	4.2
Nov.,	29.174	29.144	29.152	29.600	17	28.420	13	1.180	30.099	33.3	39.7	45.3	30.9	38.1	59	21	19	9	40	14.4	4.7
Dec.,	29.078	29.067	29.066	29.680	28	28.360	4	1.320	30.024	23.5	27.4	33.7	20.0	26.8	54	4	-5	27	59	13.6	5.6
Sums,	349.566	349.158	349.303	Highest.	Date.	Lowest.	Date.	10.636	360.501	541.3	640.1	716.1	493.7	604.9	Max.	Date.	Min.	Date.	639	222.4	61.9
Mean,	29.130	29.096	29.109	29.800	Jan. 23	28.360	Dec. 4	0.886	30.042	45.1	53.3	59.7	41.1	50.4	97	June 6	-6	Dec. 27	53	18.5	5.2

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	8 p. m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 107 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	16	0	30	17	21	19	88	78	83	.096	.115	.106	0.77	0.37	1	0			0			7.6
Feb.,	5	0	21	26	28	27	83	74	78	.156	.172	.164	1.98	1.10	21	0			0			0.5
Mar.,	1	0	16	28	32	30	81	69	75	.164	.191	.178	4.72	2.68	13+14	2.62 8	20:30	13+14 ~~13~~	0			4.9
Apr.,	0	0	3	38	39	38	72	52	62	.244	.262	.253	2.21	0.65	21	0			0			0
May,	0	1	0	39	42	40	68	50	58	.249	.279	.264	0.48	0.30	3+4	0			0			T
June,	0	7	0	57	56	56	69	52	60	.474	.466	.470	1.76	0.52	13	0			0			0
July,	0	6	0	60	61	60	77	61	69	.526	.551	.538	3.53	0.83	25	0			0			0
Aug.,	0	5	0	59	58	59	80	55	67	.508	.503	.506	1.10	0.36	7+8	0			0			0
Sept.,	0	7	0	57	59	58	80	68	74	.487	.522	.504	4.11	1.58	26+27	0			0			0
Oct.,	1	0	9	37	39	38	86	74	80	.234	.256	.245	2.55	0.77	2	0			0			1.4
Nov.,	3	0	18	29	32	31	84	74	79	.167	.188	.178	3.68	1.72	7	0			0			0.3
Dec.,	12	0	27	20	22	21	85	78	82	.115	.124	.120	0.81	0.45	4+5	0			0			2.6
Sums,	38	26	124	467	489	477	953	785	867	3.420	3.629	3.526	27.70	a	a	a	a	a	a	a	a	17.3
Mean,	a	a	a	39	41	40	79	65	72	.285	.302	.294	a	2.68	Mar. 13-14	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Ind.

Month.	Mean Cloudiness (0 to 10). 8 a. m. (d)	8 p. m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	6.2	5.5	6.3	139.7	298.2	47	6845	SW	37	W	22	0	4	10	6	2	16	16	3	5	0	6	10	15	8	4	11	8	0	2	0	0
Feb.,	6.8	6.3	6.6	136.1	298.2	46	6965	S	34	SW	25	0	5	2	5	4	20	6	8	6	0	7	8	13	7	4	7	2	0	2	0	0
Mar.,	4.8	4.9	4.7	245.9	370.8	66	7651	S	47	SW	10	1	7	3	10	1	16	8	6	11	0	15	8	8	9	7	6	2	0	2	4	0
Apr.,	4.4	5.1	4.5	279.1	399.9	70	6461	E	36	W	13	0	6	11	16	1	11	5	4	6	0	12	9	9	9	7	0	0	0	0	3	0
May,	4.0	4.5	5.2	291.6	449.0	65	6222	S	34	S	16	0	8	4	9	2	12	8	9	10	0	11	11	9	6	4	1	0	0	0	3	0
June,	5.4	5.0	5.0	327.8	452.0	73	6747	S	33	SW	15	0	4	7	3	4	17	12	5	8	0	7	16	7	7	5	0	0	0	0	4	0
July,	5.1	5.4	5.4	297.2	458.3	65	5474	SW	42	NW	12	1	7	5	5	4	6	21	2	12	0	12	12	7	13	9	0	0	1	0	12	0
Aug.,	2.7	4.4	3.7	296.8	426.9	70	4096	SW	23	NW	20	0	10	5	12	8	6	12	2	7	0	15	11	5	8	5	0	0	0	0	6	0
Sept.,	5.1	5.7	5.9	185.0	374.0	49	5754	SW	29	SW	11	0	8	13	10	2	8	13	4	2	0	5	14	11	12	10	0	0	0	2	7	1
Oct.,	7.8	6.5	7.4	87.6	344.1	25	5798	W	30	W	18	0	5	7	5	4	8	11	14	8	0	3	9	19	15	12	6	3	0	1	2	0
Nov.,	6.2	6.1	6.2	104.2	297.0	35	7197	SW	29	W	22	0	1	5	8	5	5	17	17	1	1	10	4	16	10	8	8	2	0	1	0	0
Dec.,	7.0	6.1	7.1	79.5	287.3	28	7694	SW	33	SW	5	0	4	4	4	3	4	21	19	3	0	6	7	18	9	5	13	7	0	1	0	0
Sums,	65.5	65.5	68.0	2470.5	4455.7	1039	76904	a	a	a	a	2	69	76	93	40	129	150	93	79	1	109	119	137	113	80	52	24	1	11	41	1
Mean,	5.5	5.5	5.7	205.9	371.3	53	a	j SW	j 47	j SW	Mar. 10	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

Standard of normal time in local use, 90th meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	7.9	8.1	7.9	7.7	8.0	8.2	8.1	8.6	9.5	10.5	10.4	10.9	10.6	11.0	10.7	10.7	10.0	9.5	8.8	9.5	9.3	8.5	8.5	7.9	9.2
Feb.,	9.2	9.4	9.1	9.1	9.6	9.9	9.8	10.0	11.0	11.5	12.2	12.1	12.8	12.4	11.8	10.9	10.2	9.6	9.5	9.9	9.7	9.6	9.8	9.7	10.4
Mar.,	8.6	8.2	8.0	7.7	8.1	8.0	8.5	9.6	10.5	11.7	12.7	13.1	13.8	13.8	13.9	13.6	12.0	10.6	9.2	8.5	9.3	9.2	9.6	8.5	10.3
Apr.,	7.1	7.5	7.4	7.6	7.5	8.0	8.6	9.4	9.7	9.2	10.1	10.9	11.2	11.1	11.2	11.5	11.0	9.4	8.2	8.4	8.1	7.9	7.3	7.0	9.0
May,	6.7	6.4	6.4	6.4	6.5	7.1	7.4	8.5	9.8	10.0	10.4	10.8	11.1	11.2	11.0	11.2	10.9	9.4	7.8	6.6	5.6	6.3	6.6	6.5	8.4
June,	7.2	7.0	6.8	7.3	7.2	7.4	8.2	10.0	10.7	11.4	12.0	12.4	12.3	12.5	12.6	12.3	11.6	9.5	8.6	7.2	8.1	7.7	7.8	7.4	9.4
July,	5.8	5.4	5.1	5.1	5.1	5.2	5.9	6.8	7.6	8.9	9.5	9.8	10.7	10.3	10.0	10.2	9.9	8.5	6.8	6.2	6.0	6.2	5.7	6.0	7.4
Aug.,	4.6	4.5	4.1	4.1	4.0	4.1	4.8	5.1	5.5	6.0	6.6	7.1	7.9	8.1	7.8	7.7	7.0	5.8	4.5	4.7	4.6	4.5	4.3	4.7	5.5
Sept.,	7.2	7.4	6.8	6.7	6.8	6.8	7.1	8.3	9.1	9.2	9.6	9.6	9.6	10.0	9.6	9.6	8.9	7.5	7.0	7.3	7.1	7.0	6.9	6.7	8.0
Oct.,	6.4	6.7	6.8	7.1	7.7	7.6	7.4	8.1	8.6	8.9	9.4	9.2	9.1	9.5	9.5	9.2	8.3	7.0	6.5	7.0	6.9	6.9	6.6	6.6	7.8
Nov.,	8.8	9.0	9.0	9.3	9.2	9.1	9.1	9.3	10.6	11.4	12.2	12.6	12.5	11.9	11.0	10.3	9.3	9.4	9.2	9.5	9.4	9.2	9.4	9.3	10.0
Dec.,	9.8	9.6	9.0	8.8	8.5	8.8	8.5	9.3	10.1	10.9	11.2	11.4	12.0	12.1	12.3	11.5	11.4	11.3	10.5	10.2	10.1	10.6	10.4	9.9	10.3
Sums,	89.3	89.2	86.4	86.9	88.2	90.2	93.4	103.0	112.7	119.6	126.3	129.9	133.6	133.9	131.4	128.7	120.5	107.5	96.6	95.0	94.2	93.6	92.9	90.2	105.7
Mean,	7.4	7.4	7.2	7.2	7.4	7.5	7.8	8.6	9.4	10.0	10.5	10.8	11.1	11.2	11.0	10.7	10.0	9.0	8.0	7.9	7.8	7.8	7.7	7.5	8.8

Station Fort Wayne, Ind. Standard of normal time in local use, 90th meridian.

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								FOR THE MONTH.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	
Jan.,																									
Feb.,																									
Mar.,																									
Apr.,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sums,																									
Mean,																									

Prepared by O. E. Russell

P. McDonough
Weather Bureau.

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Standard of normal time in local use, 90th meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	492	54	1392	119	334	62	248	40	1258	148	2161	221	386	35	574	64	0	1	6845	744
February,	416	43	362	40	176	34	434	56	2364	225	822	85	1580	120	811	69	0	0	6965	672
March,	751	85	529	52	410	62	217	38	2009	187	1184	105	859	70	1692	145	0	0	7651	744
April,	732	88	1624	143	1087	159	133	21	1074	112	798	82	421	47	592	68	0	0	6461	720
May,	921	111	334	50	313	61	163	30	1534	168	1099	105	1059	105	799	110	0	4	6222	744
June,	262	43	449	51	573	70	226	37	2093	188	1367	138	934	100	843	93	0	0	6747	720
July,	453	74	370	59	266	46	253	54	809	103	1470	174	510	71	1343	157	0	6	5474	744
August,	497	106	544	96	528	107	398	101	276	63	882	132	526	69	445	62	0	8	4096	744
September,	658	107	780	118	1030	138	156	30	666	77	1735	160	380	44	349	45	0	1	5754	720
October,	597	88	504	77	277	49	201	36	497	79	1296	154	1799	176	627	85	0	0	5798	744
November,	128	16	432	57	652	82	438	66	728	68	1966	189	2281	187	572	54	0	1	7197	720
December,	200	37	431	59	212	34	286	40	497	51	3020	252	2625	226	423	45	0	0	7694	744
Sums,	6107	852	7751	921	5858	904	3153	549	13805	1469	17800	1797	13360	1250	9070	997	0	21	76904	8760
Percentage,																				
Average hourly velocity,		a		a		a		a		a		a		a		a		a	8.8	a

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 1 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	15	15	15	17	17	17	19	20	21	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	23	19	18	17	18	17	18	18	19	19	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	20	20	20	21	21	22	23	24	25	26
State of weather: Nature of precipitation and time of beginning and ending	SdB 12:40									SdE DN		
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—		
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	15	11	15	15	14	13	11	6	4	3	1

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:36 a Cloudy
Sunset: Time, 4:23 Character, Cloudy
Moonset: ——

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	14	20	

Total depth of snow for 24 hours ending 7 p. m. 3.7 inches.
Snow, sleet, and hail on ground 7 p. m., 5.0 inches.
Total snowfall, midnight to midnight, 4.2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase, First Quarter 5:26 pm
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 345
Average hourly velocity, 14.4 Extreme velocity, 30
Maximum velocity, 28 Direction, N
Time began, 1:25 a.m.
Reduced barometer, 30.43 7 a. m. 30.16 7 p. m.
River gage, 3.1 feet
Relative humidity, 92 7 a. m. 97 7 p. m.

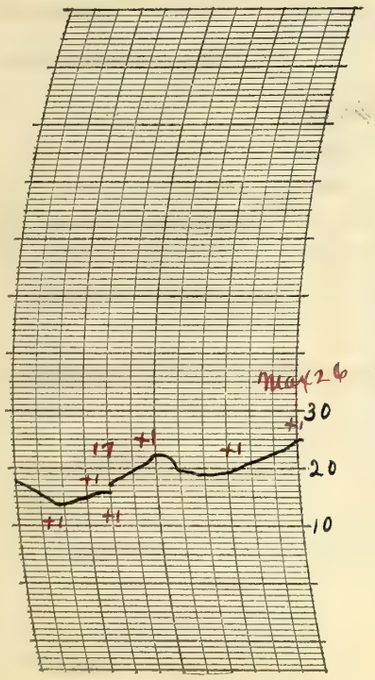
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 22.7 Wet temperature, 20.5
Dew-point, 15 R. humidity, 70 V. pressure, .081
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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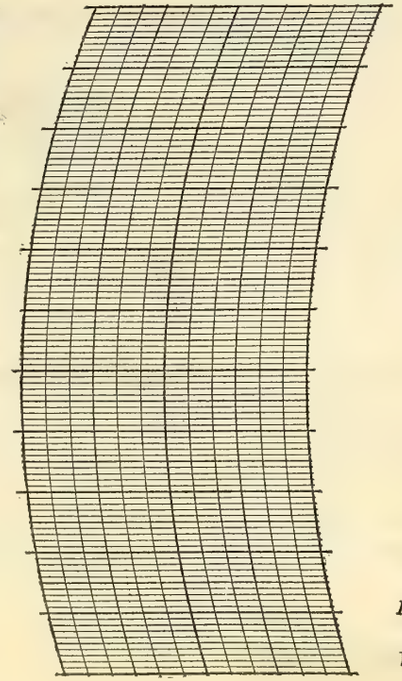
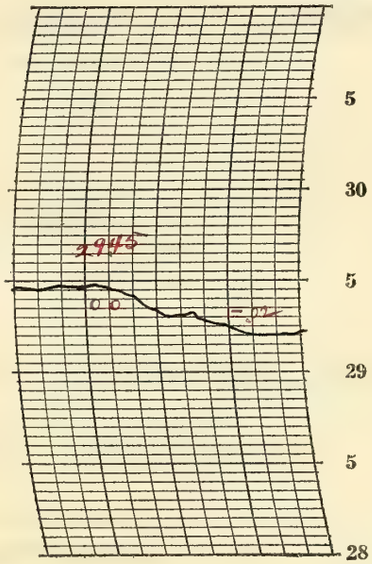


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McSwiggen

486

NOTES

The sky was overcast the entire day. A moderate fall of snow occurred during the afternoon and light snow continued into the night.

The temperature rose slowly in the forenoon and a gain from 7 p.m. till midnight p.m. when it was the highest for the 24 hours. Strong northeast winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 2 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	23	22	22	21	20	20	22	23	23	24	25	24	24	23	23	22	21	21	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Cloudy										→			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S	S	S	S	S	S
Wind movement	6	9	9	8	8	8	9	8	11	11	11	12	10	10	9	10	10	8	8	9	8	9	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 12:06 p Cloudy
Sunset: Time, 4:24 Character, Cloudy
Moonset: 12:01 a Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

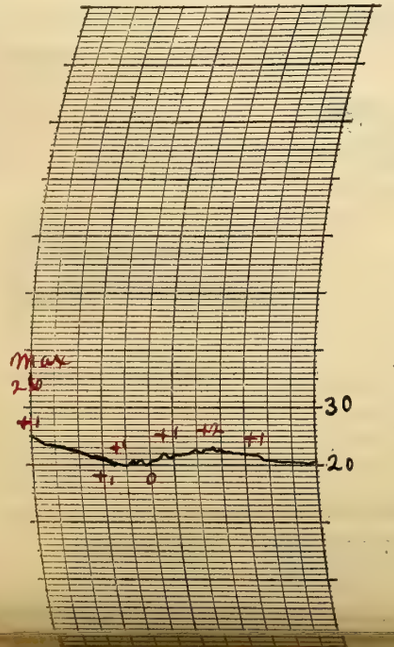
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	20	23	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 5.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 9:30 am
Reduced barometer, 30.227 a. m. 30.23 7 p. m.
River gage, 3.4 feet
Relative humidity, 92 7 a. m. 73 7 p. m.

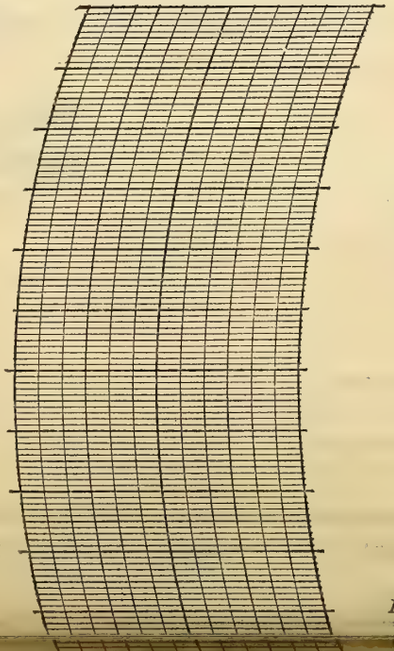
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.0 Wet temperature, 22.4
Dew-point, 22 R. humidity, 92 V. pressure, .113
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

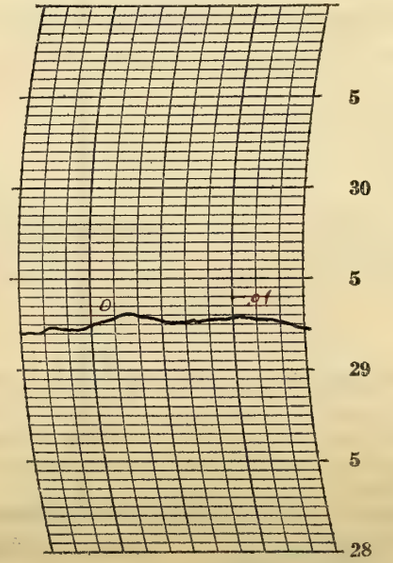
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

NOTES

Snowfall to 7 am. 0.5 inch. The sky was overcast the entire day. Temperatures a few degrees below the seasonal average. Light southwest winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 3 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	22	23	24	25	25	26	27	27	28	29	29	30	30	30	31	31	31	31	31	29	29	29
State of weather: Nature of precipitation and time of beginning and ending					SdB DN	- -	- -	- -	- -	- -	SdE 10:10 RB 10:10	- -	RE 1205											
Amounts of precipitation					-	-	-	-	-	-	-	-	-											
Cloudiness and other conditions						←					Cloudy													→

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 12:35p Cloudy

Sunset: Time, 4:25 Character, Cloudy
Moonset: 1:02a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	8	8	8	7	8	8	9	11	11	13	14	16	16	17	17	18	15	16	21	18	15	12
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

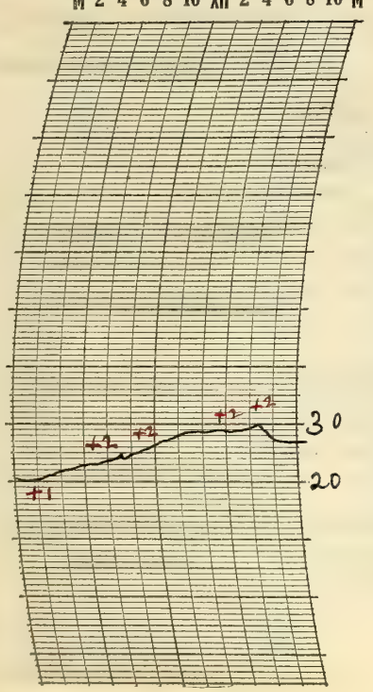
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	21	26	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 4.5 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 8:31 p.m.
Reduced barometer, 30.08 7 a. m. 29.92 7 p. m.
River gage, 3.5 feet
Relative humidity, 100 7 a. m. 79 7 p. m.

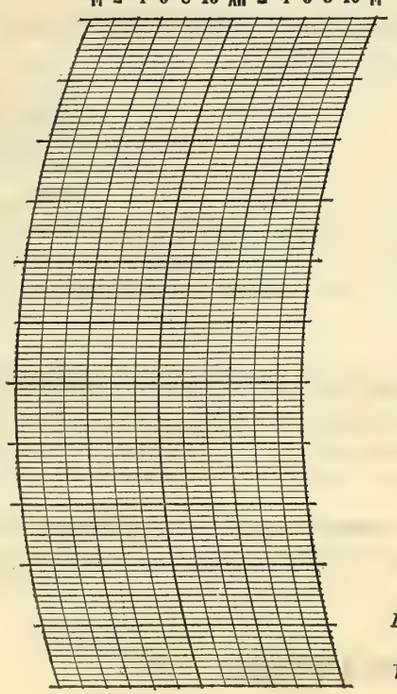
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 29.2
Dew-point, 29 R. humidity, 100 V. pressure, 157
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

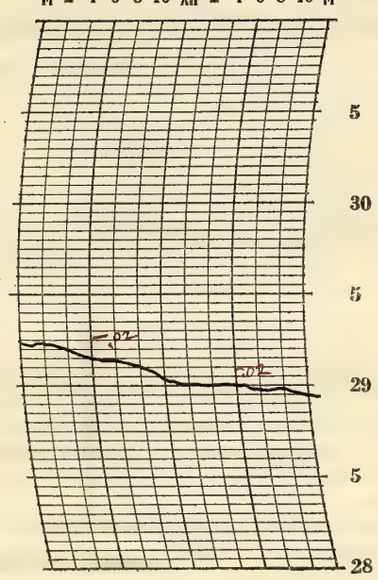
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Snowfall to 7 a.m. Trace
Cloudy all day with temperatures nearly normal. Light snow fell during the morning and turned into rain about noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	27	27	26	26	26	24	20	20	20	22	20	21	21	20	21	22	21	21	21	22	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy					× Pt cldy		× cldy		× clear		× cloudy		× clear		× cloudy —			
Sunshine (in tenths of hours)								0	0	0	0.7	1.0	0.4	1.0	1.0	0.6	0							
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	13	11	8	11	7	8	9	12	10	11	11	12	12	11	11	13	14	12	12	11	12	9	8

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 1:05p Cloudy
Sunset: Time, 4:26 Character, Cloudy
Moonset: 2:01 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

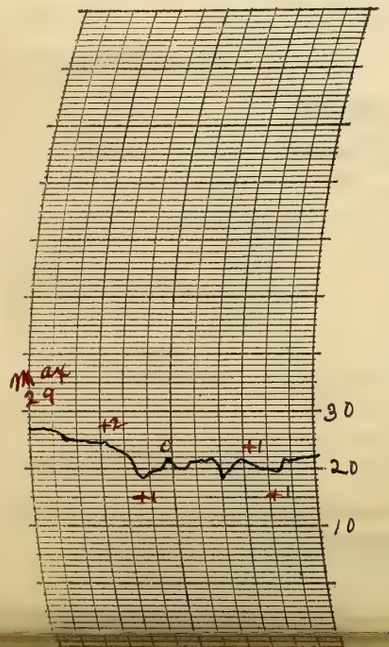
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	19	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 5:21 p. m.
Reduced barometer, 29.92 7 a. m. 30.07 7 p. m.
River gage, 3.5 feet
Relative humidity, 84 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.4 Wet temperature, 20.5
Dew-point, 16 R. humidity, 74 V. pressure, .085
Clouds: Amount, 4; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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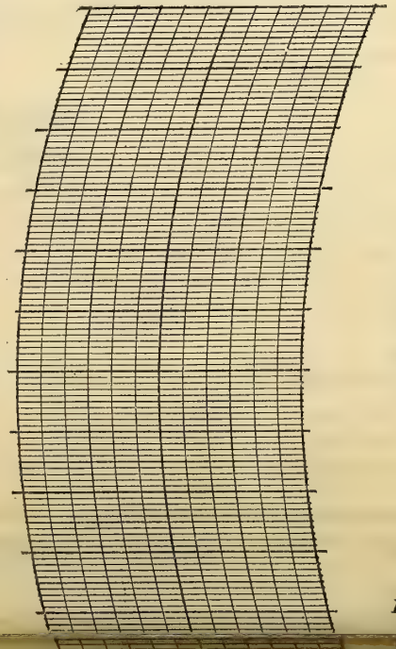
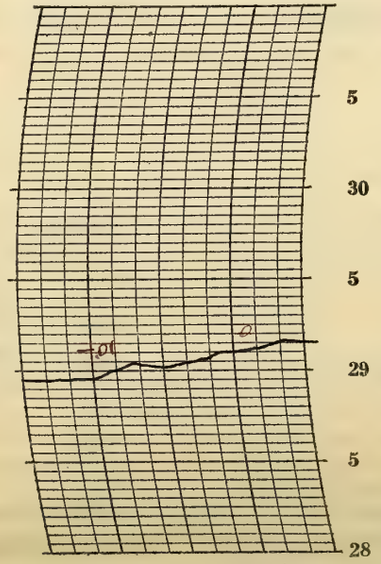


BAROGRAPH.



Prepared by O. E. R.

NOTES

The amount of cloudiness varied considerably from time to time especially during the afternoon and evening. The sky was cloudless for a while in the evening with moonlight but it became entirely overcast by 9 p. m.

Temperatures slightly below the normal

Form No. 1014—Mar 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 5 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	26	27	28	28	26	27	27	30	30	31	31	31	32	32	32	33	33	33	32	31	28	26
State of weather: Nature of precipitation and time of beginning and ending															SW B 2:15	—	—	—	—	SW E 7:30				
Amounts of precipitation															—	—	—	—	—	—				
Cloudiness and other conditions							←				Cloudy										→			

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 1:38 p Cloudy

Sunset: Time, 4:27 Character, Cloudy
Moonset: 3:00 a Cloudy

Sunshine (in tenths of hours)								0	0	0	0	0.1	0.5	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	S	S	SW	SW	W	SW	SW
Wind movement	5	5	7	8	9	9	8	11	13	13	14	14	10	10	7	7	7	7	8	8	7	9	7	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

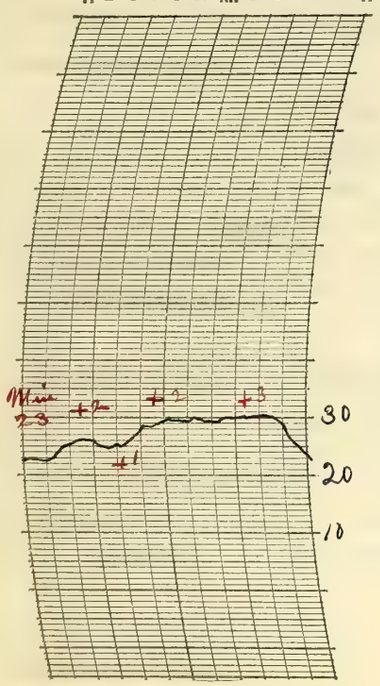
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., 4.7 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 10:09 am
Reduced barometer, 30.09 7 a. m. 29.91 7 p. m.
River gage, 3.4 fall
Relative humidity, 94 7 a. m. 95 7 p. m.

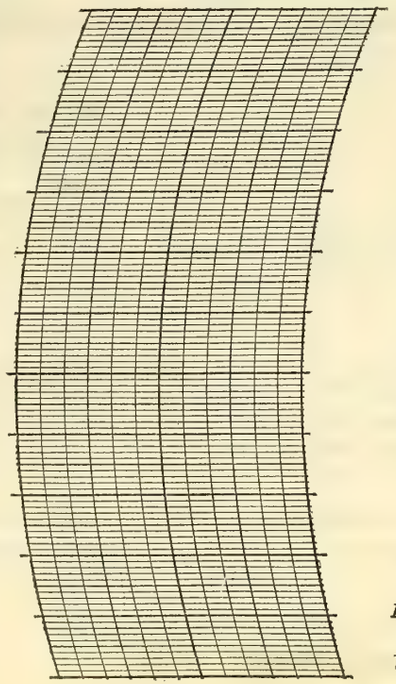
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 28.5
Dew-point, 24 R. humidity, 74 V. pressure, .124
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

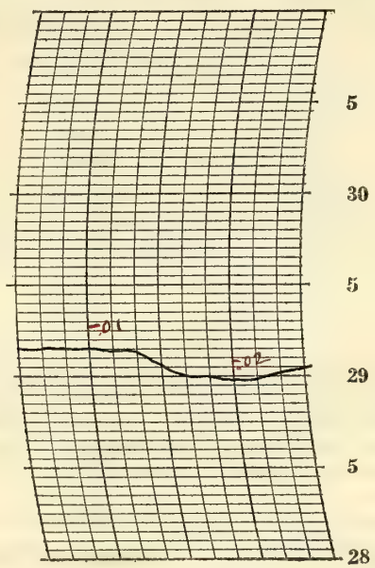
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by C. M. Strough

8—486

NOTES

The sky was overcast during the greater part of the day with a light snow during the afternoon. The sky was clear late at night with bright moonlight.

The temperatures were about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 6 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	22	20	19	16	15	15	12	12	15	21	24	30	33	34	35	33	33	33	33	33	33	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Clear									
Sunshine (in tenths of hours)								0	0	0.2	1.0	1.0	1.0	1.0	0.9	0.5 0	.47 0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	6	4	2	4	4	3	5	6	6	5	7	9	12	9	9	12	15	16	18	15	12	13	12

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 2:13p Cloudy

Sunset: Time, 4:28 Character, Clear
Moonset: 3:56a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

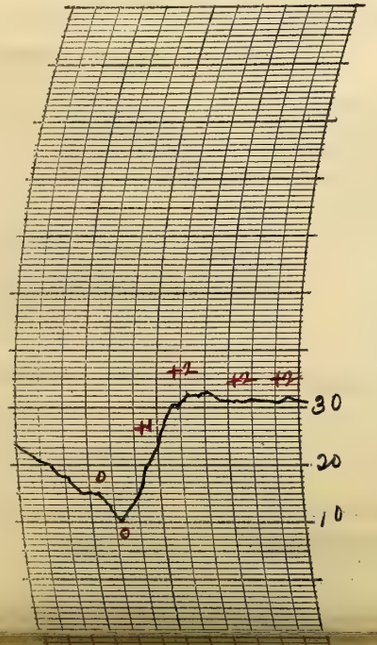
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	10	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 4.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 65
Prevailing wind direction, S Total wind, 210
Average hourly velocity, 8.8 Extreme velocity, 22
Maximum velocity, 20 Direction, S
Time began, 7:13 p.m.
Reduced barometer, 30.13 7 a. m. 30.08 7 p. m.
River gage, 34 feet
Relative humidity, 100 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.4 Wet temperature, 23.0
Dew-point, 20 R. humidity, 82 V. pressure, 103
Clouds: Amount, 3; Kind, ~~Lt Fog~~ Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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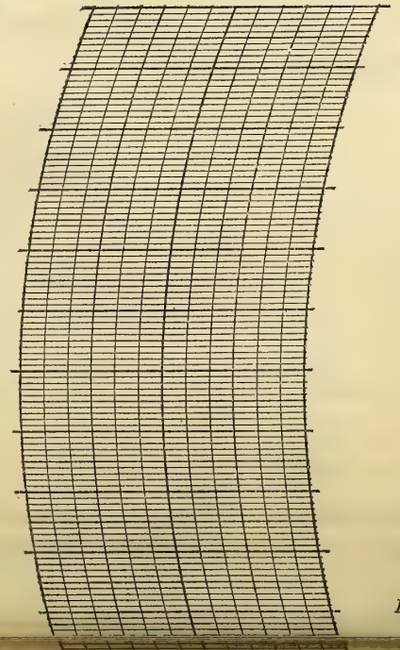
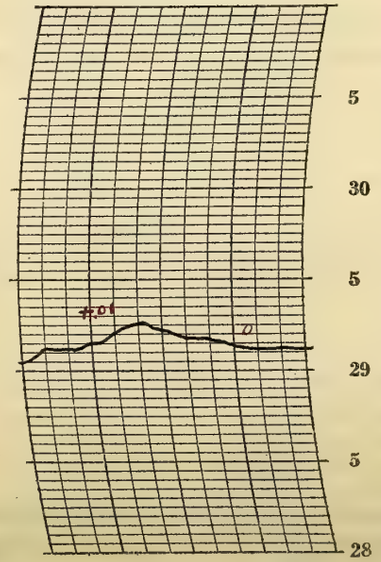


BAROGRAPH.



Prepared by OGR.

NOTES

Snowfall to 7 am. Trace.
Dense fog began during the night a. m. and ended 8:50 am. Light fog began 8:50 am and ended 1:30 p. m.
The sky was nearly clear when the dense fog lifted and remained mostly clear the rest of the day. Bright moonlight at night.
The temperature fell sharply in the early forenoon but it became warmer later in the day and was above freezing in the afternoon.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 7 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	30	30	31	31	31	31	32
State of weather: Nature of precipitation and time of beginning and ending											SP B 10:25	SP E 11:20
Amounts of precipitation											—	—
Cloudiness and other conditions					← Pt Cldy							
Sunrise: Time, Character,	7:06 Cloudy											
Moonrise:	2:53p Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	S	S	S	SW	S	S	SW	W
Wind movement	13	14	13	13	10	9	10	8	6	6	6	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	35	33	33	33	32	30	28	27	26	26
State of weather: Nature of precipitation and time of beginning and ending		S m B 1:30	— —	— —	S m E 4:20							
Amounts of precipitation		—	—	—	—							
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									4:29 Cloudy			
Moonset:									4:52a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	W	NW	S	S	SW	SW	SW	SW	SW	SW
Wind movement	5	7	7	8	5	6	7	5	7	7	7	9

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 193

Average hourly velocity, 8.0 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 1:13 a.m.

Reduced barometer, 30.04 7 a. m. 30.00 7 p. m.

River gage, 3.3 feet

Relative humidity, 68 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

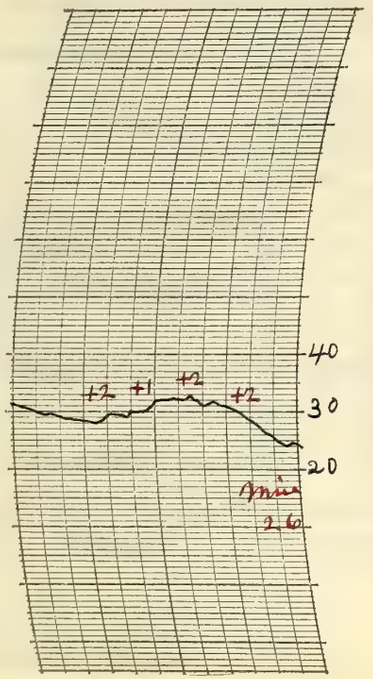
Dry temperature, 32.2 Wet temperature, 29.5

Dew-point, 25 R. humidity, 72 V. pressure, 130

Clouds: Amount, 10; Kind, St; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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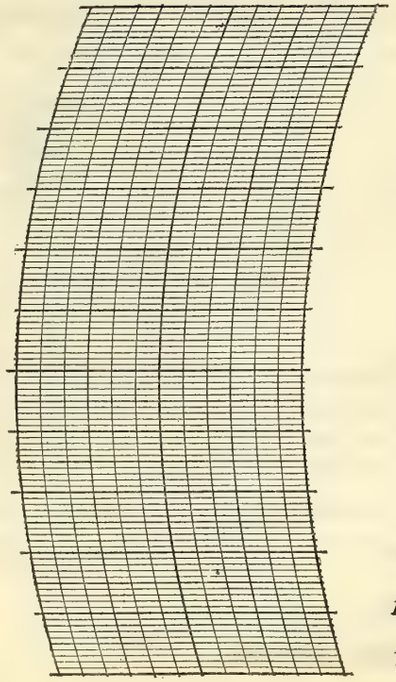
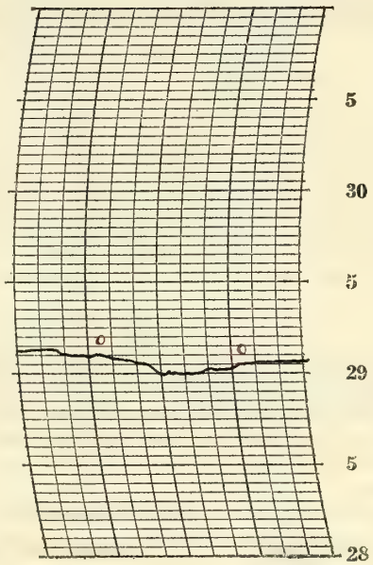


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8-486

NOTES

The sky was overcast during the day with light snow flurries. Clear at night with bright moonlight.

The temperature remained near freezing the greater part of the time.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	21	21	19	18	17	16	16	21	23	27	28	30	32	30	29	28	26	26	26	21	19	19	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Clear											→		
Sunshine (in tenths of hours)								.9 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.5 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE	SE
Wind movement	9	6	6	6	8	8	6	7	8	10	9	9	9	9	8	8	6	7	5	4	3	2	2	2

Sunrise: Time, 7:06 Character, Clear
Moonrise: 3:37p Clear

Sunset: Time, 4:30 Character, Clear
Moonset: 5:44a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

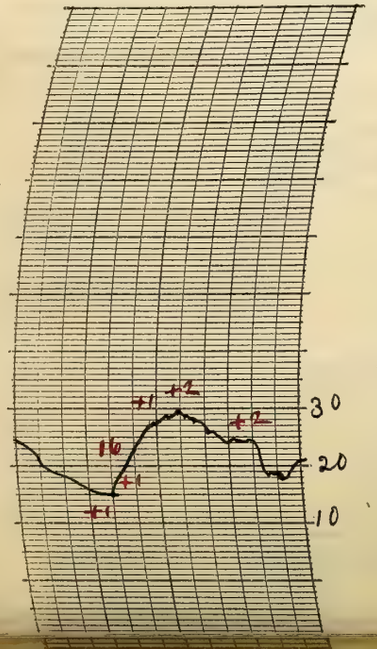
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 9:12 am.
Reduced barometer, 30.09 7 a. m. 30.20 7 p. m.
River gage, 3.3 feet
Relative humidity, 97 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 25.5
Dew-point, 21 R. humidity, 71 V. pressure, 108
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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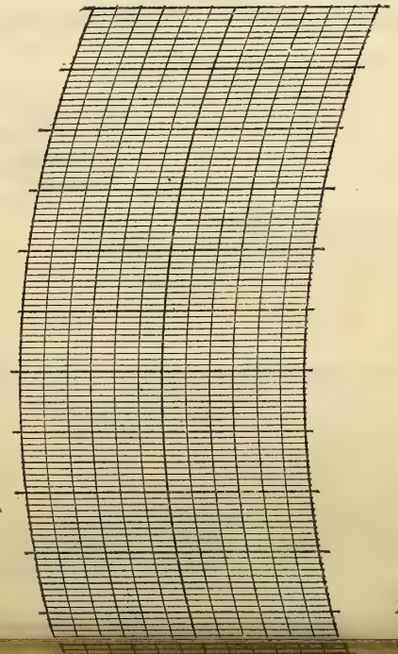
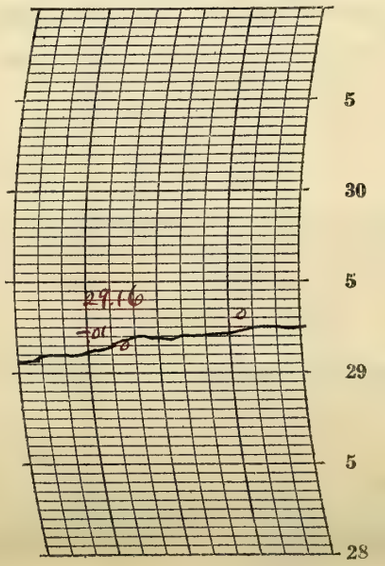


BAROGRAPH.



Prepared by O.E.R.
N.M.C.

NOTES

The sky was cloudless all day. Bright moonlight at night. Rather cool in the early morning but the temperature rose to about freezing in the afternoon.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 9 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	18	16	13	10	11	12	15	20	30	36	40	41	41	40	39	37	36	33	31	30	28	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)								0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	52 0							
Wind direction	SE	SE	S	SE	SE	SE	E	E	E	E	E	SE	SE	SE	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	4	3	2	2	2	4	4	4	2	3	3	5	7	9	8	8	4	5	4	3	4	2	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 4:25p Clear

Sunset: Time, 4:31 Character, Clear
Moonset: 6:33a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

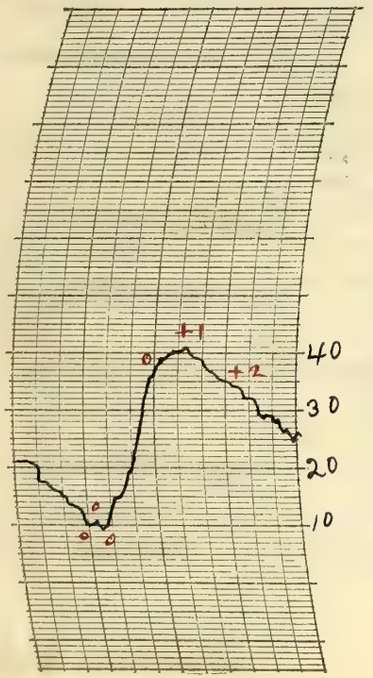
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	9	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full Moon 8:47 p.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 83
Prevailing wind direction, SE Total wind, 95
Average hourly velocity, 4.0 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 2:11 p.m.
Reduced barometer, 30.20 7 a. m. 30.15 7 p. m.
River gage, 3.3 feet
Relative humidity, 96 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.8 Wet temperature, 30.8
Dew-point, 23 R. humidity, 56 V. pressure, .118
Clouds: Amount, Few; Kind, Ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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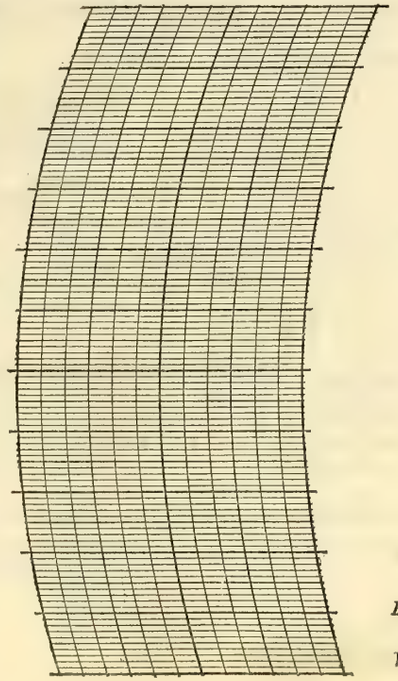
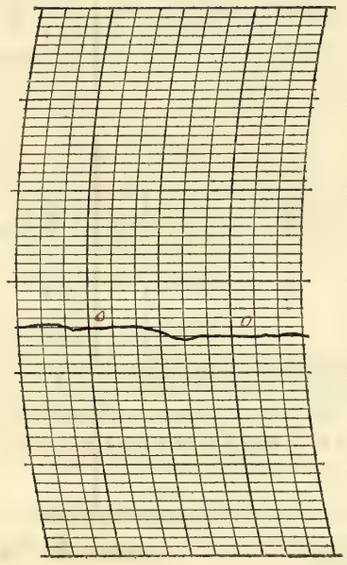


BAROGRAPH.



Prepared by O.G.R.

Verified by P. M. Dunreath

8—486

NOTES

Clear all day and into the night. The temperature was low in the early morning but rose rapidly and was above 40° for a while in the afternoon. A very pleasant afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 10 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	19	22	23	23	24	23	21	19	22	26	29	32	31	31	30	28	26	25	24	24	22	21	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear ×		Cldy ×		Pt cldy ×		clear ×			Cloudy				× Pt cldy →				
Sunshine (in tenths of hours)								0	0	0	0.9	1.0	1.0	0.8	0	0	0							
Wind direction	S	S	S	S	S	S	SW	NW	N	N	N	N	N	N	NE	NE	NE	N	N	N	NE	NE	NE	NE
Wind movement	1	1	2	1	1	2	2	5	8	7	5	7	11	9	6	6	6	9	9	11	12	10	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 5:17p Cloudy

Sunset: Time, 4:32 Character, Cloudy
Moonset: 7:19a Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	18	25	

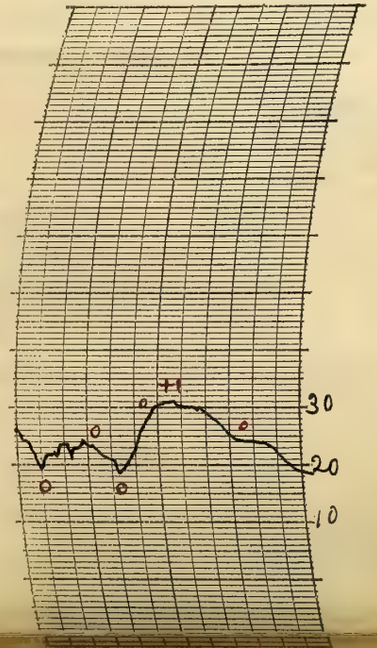
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.7 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 39
Prevailing wind direction, N Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 12:48p.m.
Reduced barometer, 30.147 a. m. 30.15 7 p. m.
River gage, 3.2 feet
Relative humidity, 84 7 a. m. 81 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.3 Wet temperature, 26.8
Dew-point, 22 R. humidity, 72 V. pressure, .113
Clouds: Amount, 2; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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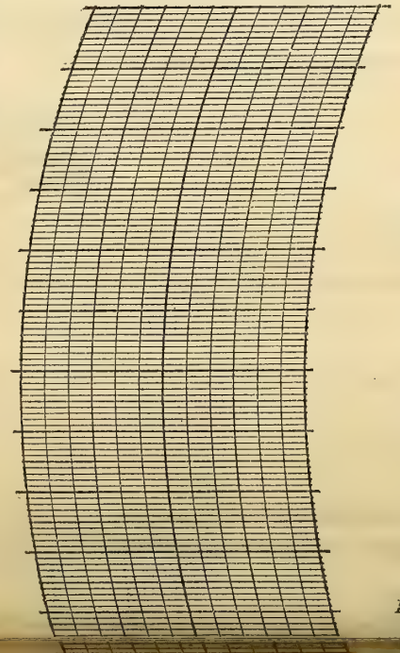
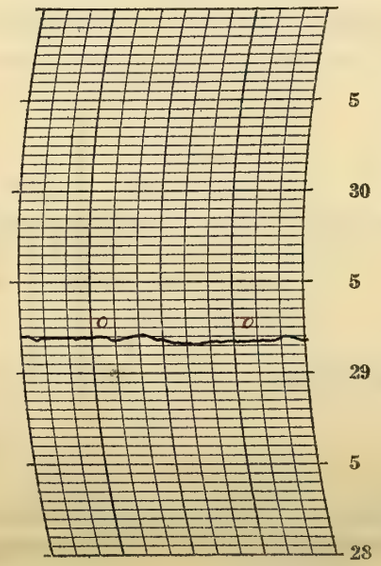


BAROGRAPH.



Prepared by O.E.R.

NOTES

The amount of cloudiness varied considerably during the day and thin upper clouds prevailed into the night. Moon visible through the clouds.

Temperature about normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN. 11 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	17	16	15	14	13	13	16	19	21	20	21	21	19	17	16	15	16	15	14	14	13	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					×		Pt	Cloudy			×		Cloudy		→		
Sunshine (in tenths of hours)								0.4 0.1	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	14	14	16	14	12	12	12	16	16	18	19	18	19	20	21	19	18	19	14	16	14	13	12

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 6:13 p Cloudy
Sunset: Time, 4:33 Character, Cloudy
Moonset: 8:00 a Clear

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

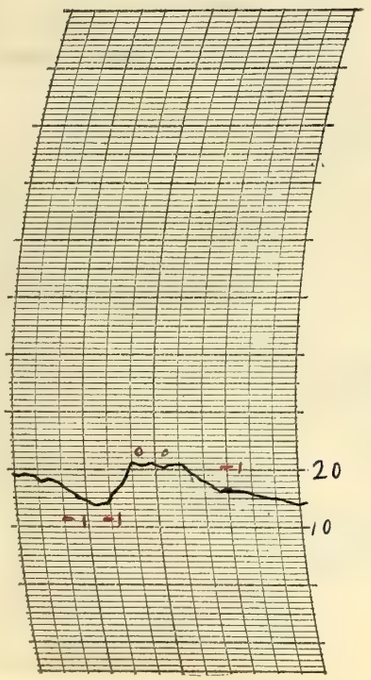
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	13	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.7 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 71
Prevailing wind direction, NE Total wind, 378
Average hourly velocity, 15.8 Extreme velocity, 28
Maximum velocity, 25 Direction, NE
Time began, 2:50 p.m.
Reduced barometer, 30.10 7 a. m. 30.01 7 p. m.
River gage, 3.1 feet
Relative humidity, 92 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.5 Wet temperature, 18.5
Dew-point, 14 R. humidity, 70 V. pressure, 0.77
Clouds: Amount, 5; Kind, Ast; Direction SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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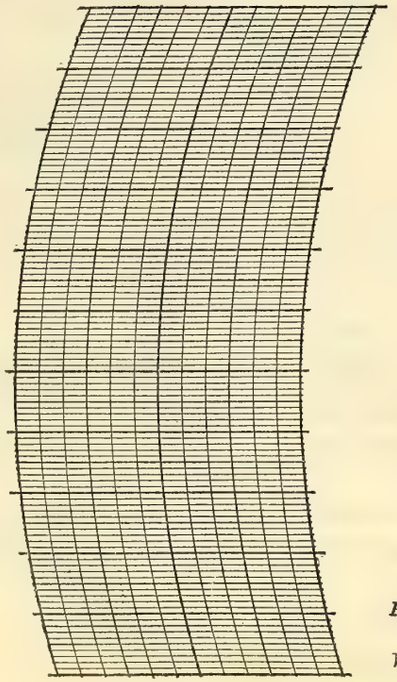

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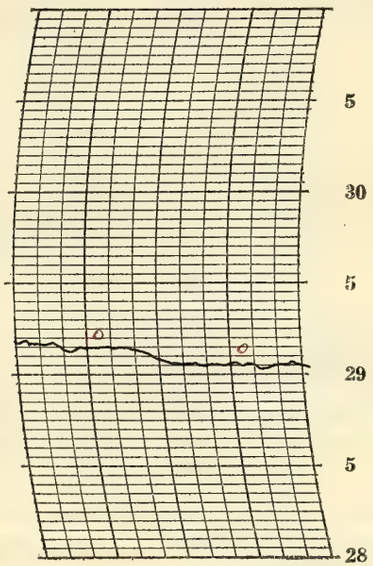


Prepared by O.E.R.

Verified by O. M. Smith

8—486

NOTES

Bright moonlight in early morning.
22° Solar Halo observed 11:30 am.
The sky was mostly clear during the forenoon, partly cloudy in the afternoon and overcast into the night.
The temperatures were somewhat below the seasonal average and a strong northeast wind made the weather disagreeable.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	14	14	15	15	15	15	16	17	17	18	19	21	25	25	26	27	28	29	29	28	26	23	20
State of weather: Nature of precipitation and time of beginning and ending						SdB ON SdE DN				SdB 9:10					SdE 2:15		SdB 4:30	SdE 5:15						
Amounts of precipitation						T																		
Cloudiness and other conditions	Cloudy																							

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 7:11 p Cloudy

Sunset: Time, 4:34 Character, Cloudy
Moonset: 8:37 a Cloudy

Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	N	NE	N	NE	NE	NE	E	E	NE	E	E	SE	E	E	E	S	S	SW	SW	SW	SW	W
Wind movement	11	11	9	9	9	7	8	7	5	7	6	5	3	3	3	3	2	3	4	7	9	9	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

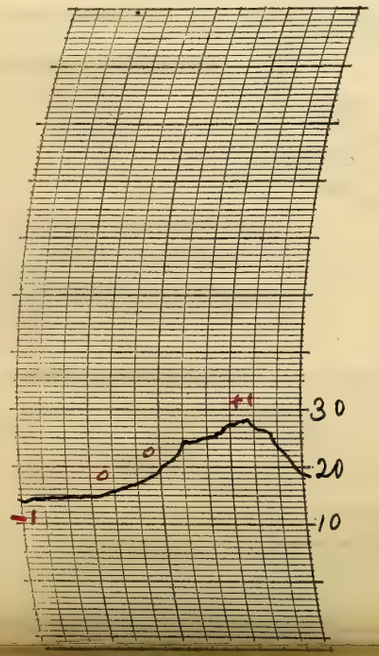
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	13	21	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground 7 p. m., 3.4 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, NE-E Total wind, 170
Average hourly velocity, 7.1 Extreme velocity, 22
Maximum velocity, 19 Direction, SW
Time began, 11:46 p.
Reduced barometer, 29.97 7 a. m. 29.77 7 p. m.
River gage, 3.1 feet
Relative humidity, 93 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.2 Wet temperature, 19.2
Dew-point, 19 R. humidity, 100 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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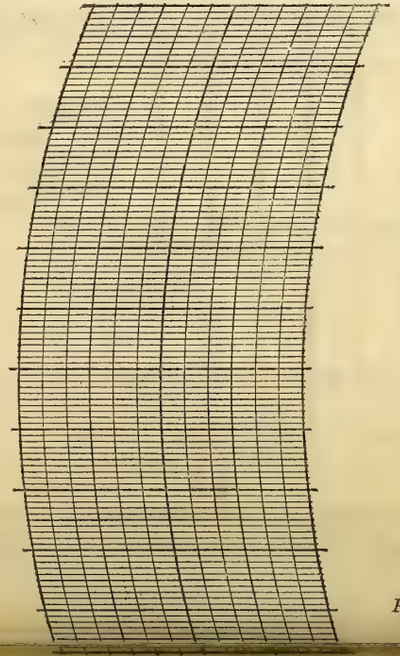
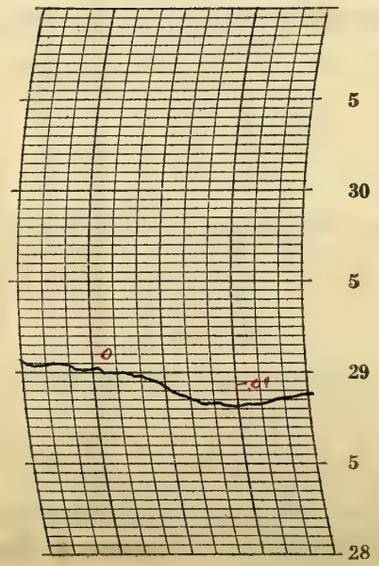


BAROGRAPH.



Prepared by O.E.R.

NOTES

A cloudy day with light snow flurries. It was rather cold in the forenoon but warmed up somewhat in the evening

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 13 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	20	22	20	19	20	20	21	23	23
State of weather: Nature of precipitation and time of beginning and ending					SPB DN	- -	- -	- -	- -	SPE 9:15		
Amounts of precipitation					—	—	—	—	—	—		
Cloudiness and other conditions						<				Cloudy		
Sunshine (in tenths of hours)								0	0	0.7	1.0	0.6
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	7	7	7	11	10	10	13	14	13	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	19	17	15	15	15	13	12	11	11
State of weather: Nature of precipitation and time of beginning and ending	SPB 12:50	- -	SPE 3:00									
Amounts of precipitation	—	—	—									
Cloudiness and other conditions									>			
Sunshine (in tenths of hours)	1.0	0.4	0.1	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	12	12	10	11	9	9	10	9	9	8

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 8:10p Cloudy

Sunset: Time, 4:35 Character, Cloudy
Moonset: 9:12a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

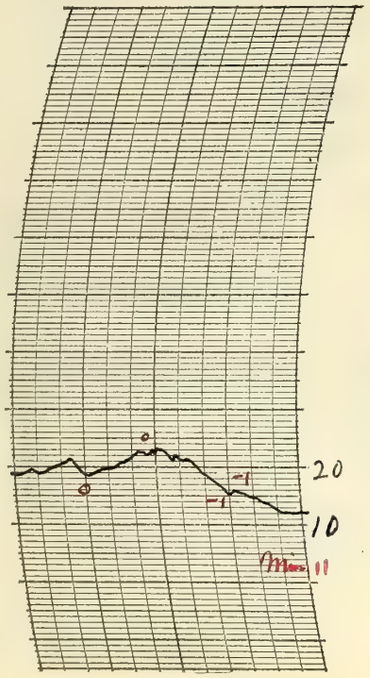
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	11	17	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 40
Prevailing wind direction, SW Total wind, 251
Average hourly velocity, 10.5 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:09 p.m.
Reduced barometer, 30.02 7 a. m. 30.27 7 p. m.
River gage, 3.2 feet
Relative humidity, 91 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.3 Wet temperature, 22.8
Dew-point, 22 R. humidity, 93 V. pressure, .113
Clouds: Amount, 8; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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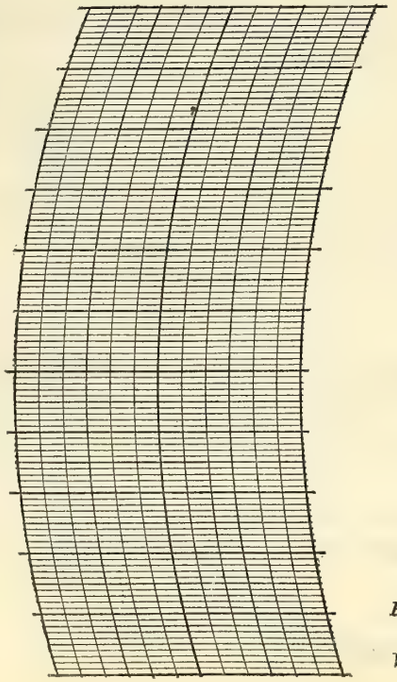
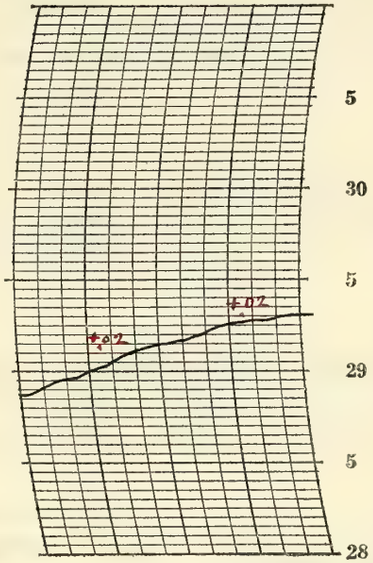


BAROGRAPH.



Prepared by O.E.R.

Verified by C. McDough

8—486

NOTES

Snowfall to 7 a.m. 0.3 in.
The sky was cloudy the greater part of the time during the day and night. Light snow flurries occurred during the morning and early afternoon.
The temperature was below the seasonal average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	10	9	8	7	7	6	9	13	17	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character, 7:04 Clear												
Moonrise: 9:11 p Clear												
Sunshine (in tenths of hours)								93 0	0.2 0.8	0 1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW	S	S
Wind movement	7	7	7	7	6	7	6	6	4	5	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	27	25	25	24	23	21	19	19	17	15	16
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 4:36 Clear												
Moonset: 9:43 a Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.3 0.7	0.0 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	6	6	6	4	1	1	1	2	1	2	2
Maximum velocities (exceeding 29 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	6	16	

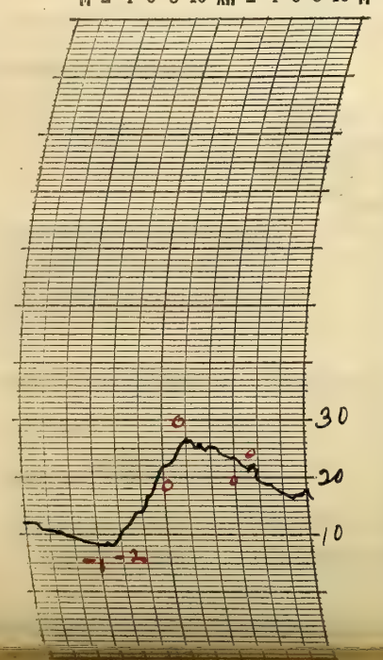
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 98
Prevailing wind direction, S Total wind, 111
Average hourly velocity, 4.6 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 10:55 a. m.
Reduced barometer, 30.36 7 a. m. 30.39 7 p. m.
River gage, 3.2 feet
Relative humidity, 100 7 a. m. 64 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.0 Wet temperature, 17.8
Dew-point, 12 R. humidity, 68 V. pressure, .070
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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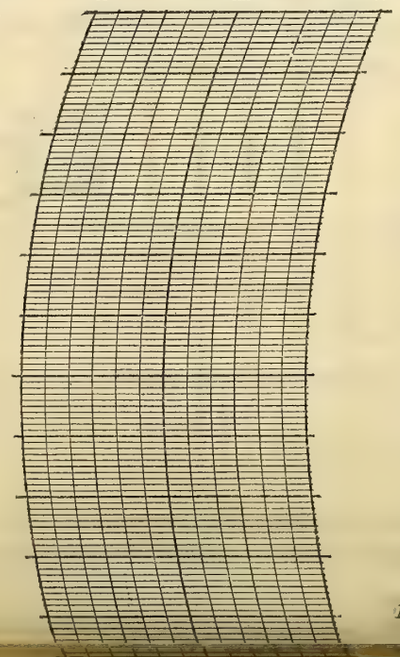
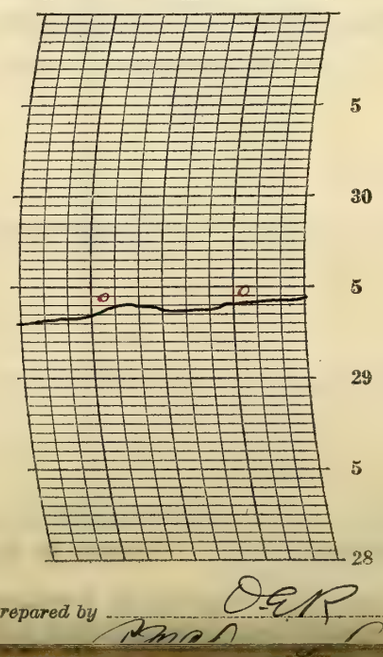


BAROGRAPH.



Prepared by O.E.R.

NOTES *By eye observation

Moonlight in early morning. The sky was cloudless except for a while in the afternoon. Clear at night. Stars bright.

Temperatures were below the normal but the wind was light and the weather pleasant.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 15 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	12	13	11	12	10	9	11	15	21	24	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt Cldy		×	Cloudy			
Sunshine (in tenths of hours)								0	0.1	0.2	1.0	1.0
Wind direction	S	0	S	S	S	S	S	S	S	E	E	NE
Wind movement	2	0	1	1	1	1	2	1	2	3	5	4
Maximum velocities (exceeding 29 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	34	33	34	34	35	34	34	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending												8mB DR
Amounts of precipitation												T
Cloudiness and other conditions	Pt Cldy	×			Cloudy					→		
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0							
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	4	5	5	4	4	3	3	4	7	8	8	8

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 10:13 p Cloudy
Sunset: Time, 4:37 Character, Cloudy
Moonset: 10:13 a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	9	22	

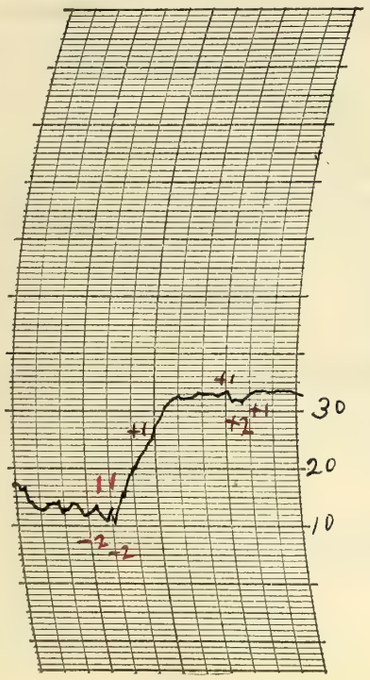
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 47
Prevailing wind direction, E Total wind, 86
Average hourly velocity, 3.6 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 10:30 p.m.
Reduced barometer, 30.50 7 a. m. 30.35 7 p. m.
River gage, 3.2 feet
Relative humidity, 100 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.7 Wet temperature, 24.2
Dew-point, 17 R. humidity, 60 V. pressure, 0.89
Clouds: Amount, 8; Kind, a cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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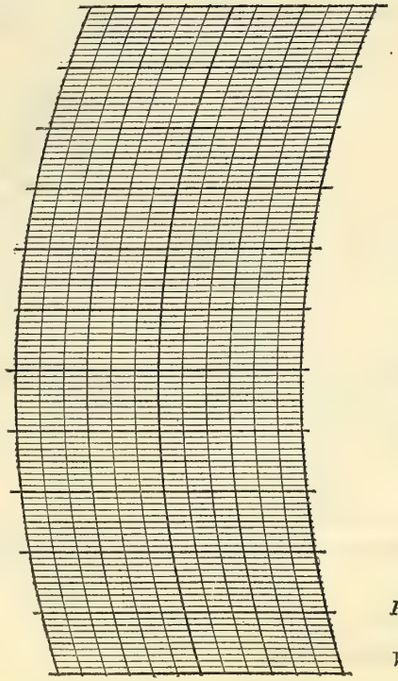
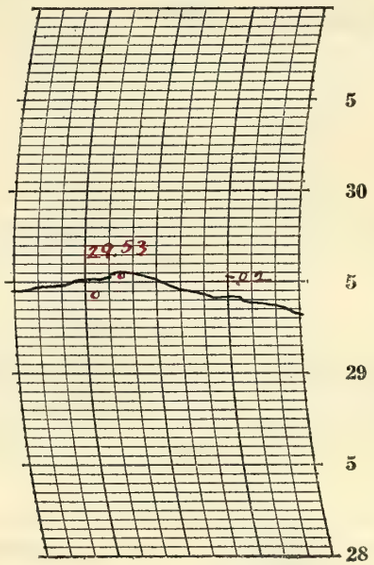


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—986

NOTES

Moonlight in early morning
Lunar corona observed 6:15 a.m.
The sky was cloudy the greater part of the time altho the sun shone through the thin upper clouds for a while during the middle of the day.
It was cold in the morning but the temperature rose rapidly and stood above freezing during the afternoon and night.
22° Solar Halo observed 2:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 16 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	33	34	34	34	34	35	36	36	36	36	36	37	36	36	36	36	35	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending								SME 7:30			RB 10:15		RE 1:00											
Amounts of precipitation	—	—	—	—	—	—	—	—			—	—	—											
Cloudiness and other conditions	← Cloudy →																							

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 11:16p Cloudy
Sunset: Time, 4:39 Character, Cloudy
Moonset: 10:42a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	E	SE	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	W	W	W	NW	NW
Wind movement	4	3	8	10	8	8	7	9	8	6	9	9	10	8	9	8	10	8	6	8	9	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

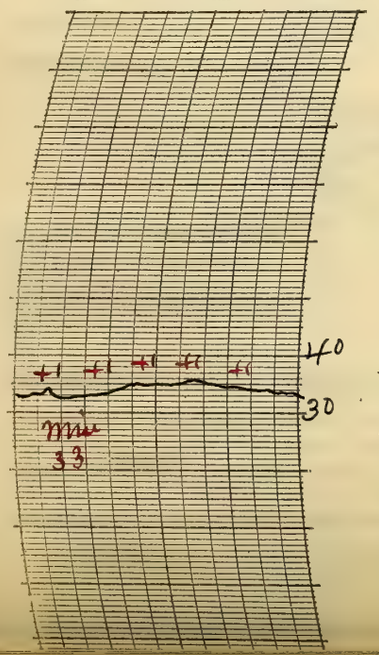
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	33	35	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 2:48 a.m.
Reduced barometer, 30.10 7 a. m. 30.06 7 p. m.
River gage, 3.3 feet
Relative humidity, 97 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.5 Wet temperature, 35.0
Dew-point, 34 R. humidity, 95 V. pressure, .195
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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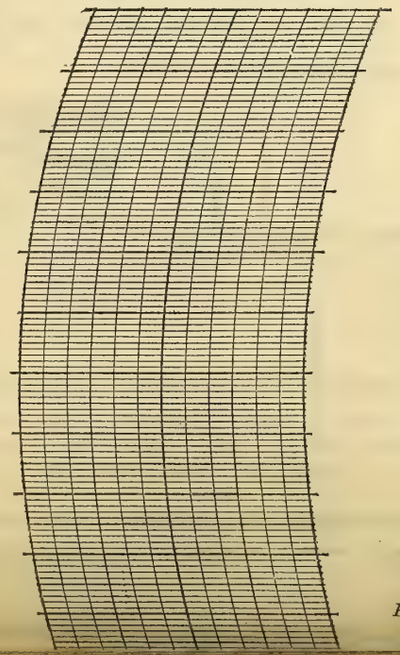
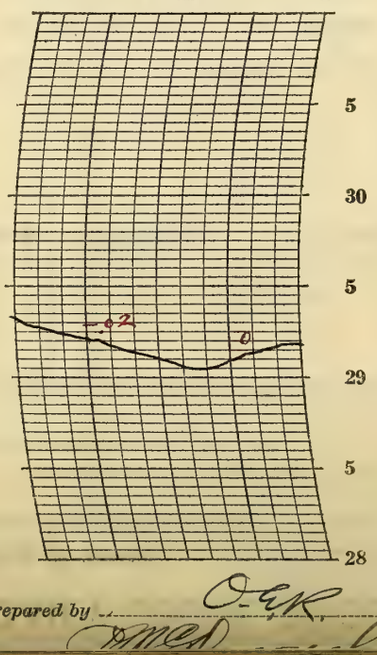


BAROGRAPH.



Prepared by O. E. R. (Med)

NOTES

Snowfall to 7 am. 1.0 in.

A cloudy day with snow in the early morning and light rain during the middle of the day.

The temperature was somewhat higher than the normal and it remained above freezing the greater part of the time. Considerable thawing.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	30	28	26	25	24	24	25	26	26	27	28	28	28	29	29	28	28	29	27	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	NW	NW	W	W	SW	SW	SW	S	SW	SW	W
Wind movement	6	7	5	6	6	7	7	7	6	5	4	4	4	4	3	3	3	4	5	6	7	9	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: — —

Sunset: Time, 4:40 Character, Cloudy
Moonset: 11:14a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	24	29	

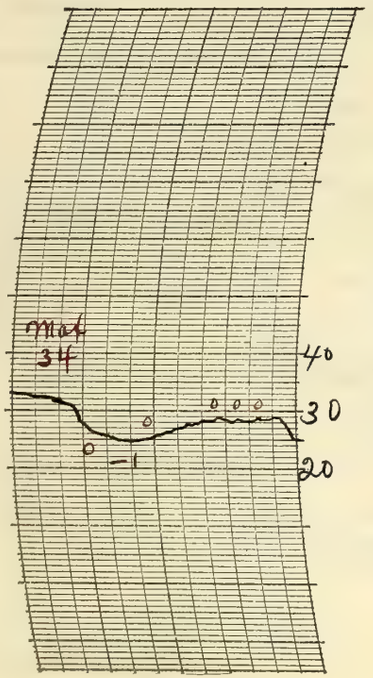
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Last Quarter 5:33 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 10:45 p.m.
Reduced barometer, 30.19 7 a. m. 30.19 7 p. m.
River gage, 3.4 feet
Relative humidity, 84 7 a. m. 79 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.0 Wet temperature, 25.3
Dew-point, 24 R. humidity, 92 V. pressure, .124
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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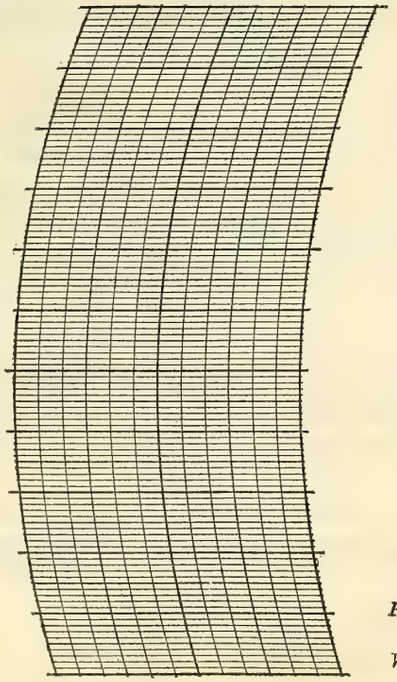
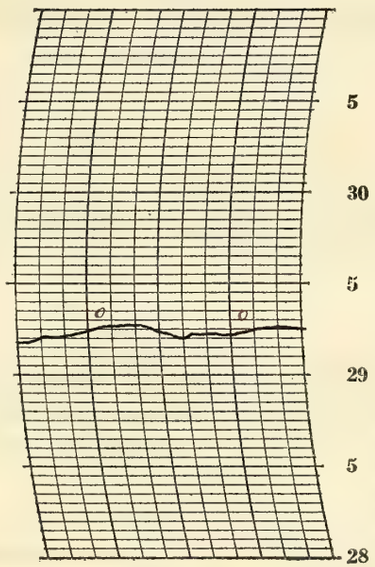


BAROGRAPH.



Prepared by O.E.V.

Verified by P. McDonough

8—486

NOTES

A cloudy day with temperatures slightly above the normal. Streets and sidewalks slippery.

Form No. 1011—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 18 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	19	17	16	14	14	14	16	19	21	24	25	27	28	28	27	26	25	25	24	24	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←			Cloudy					×	Clear		×	Cloudy				→	
Sunrise: Time, 7:03 Character, Cloudy																					Sunset: Time, 4:41 Character, Clear			
Moonrise: 12:22a Clear																					Moonset: 11:46a Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.3	0.2	0	0.3	0.7	0.1 0.9	68 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	W	NW	NW	NW	NW	NW	NW	N	NE	N	NE
Wind movement	9	10	11	10	8	7	6	7	8	9	7	8	5	6	7	8	4	3	3	4	4	5	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	13	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 14
Maximum velocity 14 SW Direction, 14 SW
Time began, 2:19 a.m.
Reduced barometer, 30.31 7 a. m. 30.43 7 p. m.
River gage, 3.4 feet
Relative humidity, 82 7 a. m. 77 7 p. m.

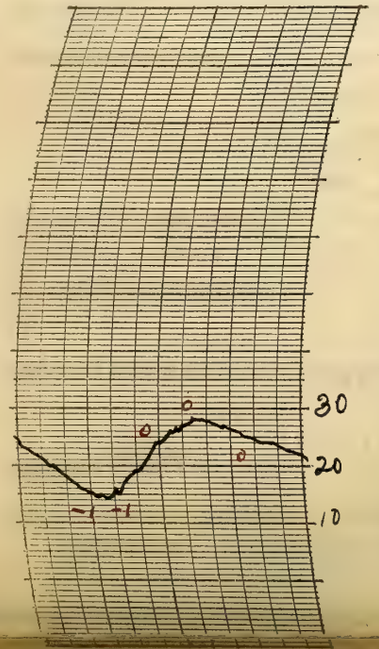
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

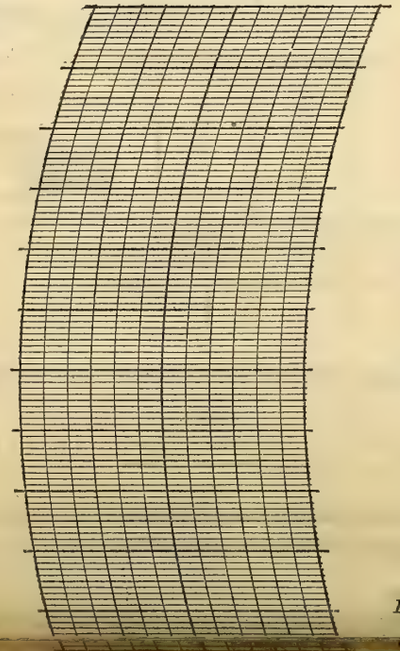
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 22.2
Dew-point, 18 R. humidity, 77 V. pressure, 0.93
Clouds: Amount, 10; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

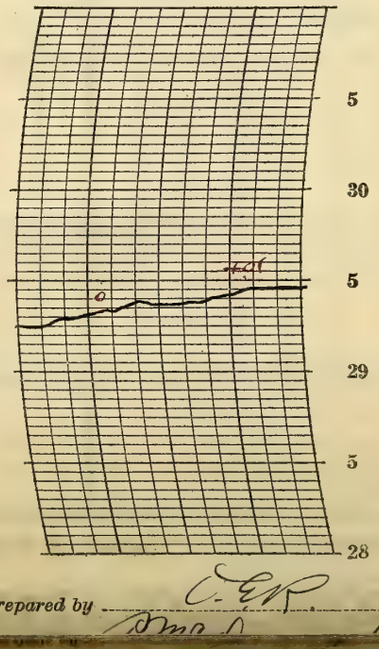
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. E. R.

NOTES

Pale moonlight in early morning. The sky became overcast between 6 am and 6:30 am. It cleared somewhat in the afternoon but became cloudy again about 6 p.m.
Temperature below the seasonal average. Streets and sidewalks icy.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 19 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	18	17	17	16	14	14	13	15	18	22	24	25	26	26	25	25	24	23	23	23	23	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear								Cloudy							
Sunshine (in tenths of hours)								0.4 0.1	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0							
Wind direction	NE	E	E	E	E	E	E	E	NE	NE	E	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	6	8	10	7	9	8	9	9	10	14	13	17	15	13	14	15	14	15	12	13	12	10	12	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 1:29a Clear
Sunset: Time, 4:42 Character, Cloudy
Moonset: 12:23p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

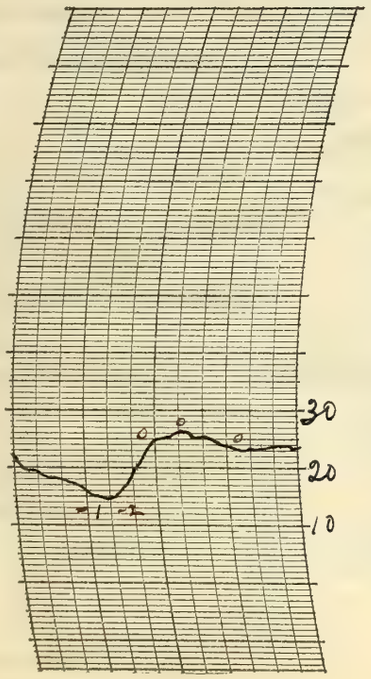
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	13	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 63
Prevailing wind direction, NE Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 23
Maximum velocity, 20 Direction, NE
Time began, 12:15 p.m.
Reduced barometer, 30.41 7 a. m. 30.12 7 p. m.
River gage, 3.2 feet
Relative humidity, 90 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.4 Wet temperature, 21.4
Dew-point, 14 R. humidity, 62 V. pressure, .077
Clouds: Amount, 3; Kind, Ci St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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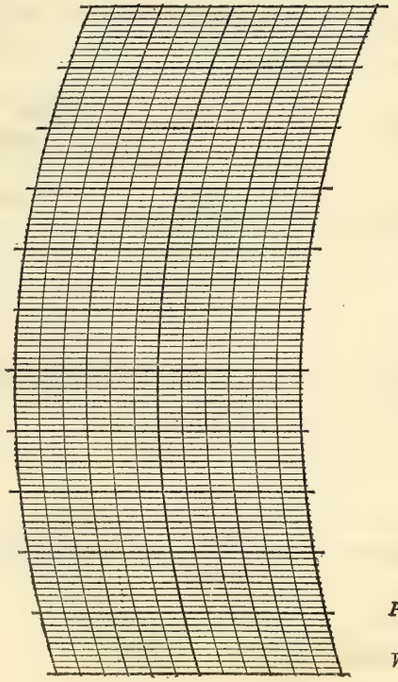
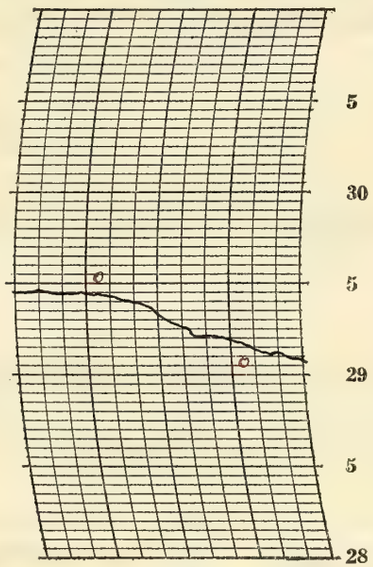


BAROGRAPH.



Prepared by O.E.K.
Verified by F. W. Dunough

8—486

NOTES

22° Solar Halo observed at 11:30 am.
The sky was mostly clear in the forenoon and cloudy during the afternoon and into the nights.
Temperatures below normal.
Some streets and sidewalks icy.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 20 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	23	24	24	25	26	23	24	27	30	33	35	37	36	35	32	31	30	27	27	25	25	25
State of weather: Nature of precipitation and time of beginning and ending		SdB DN	-----	SdE DN																				
Amounts of precipitation		—	—	—																				
Cloudiness and other conditions					← Cloudy			X	Clear		X	— Pt cldy			X	— Cloudy			X	Clear →				

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 2:39a Cloudy
Sunset: Time, 4:43 Character, Cloudy
Moonset: 11:05p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0.9	1.0	1.0	1.0	1.0	1.0	0	0	0							
Wind direction	N	N	N	N	N	NW	W	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	8	9	9	6	5	7	6	8	8	11	10	14	13	14	14	13	13	9	8	9	9	8	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	22	30	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.9 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 61
Prevailing wind direction, NW Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 2:03 p.m.
Reduced barometer, 30.06 7 p. m. 30.41 7 p. m.
River gage, 3.2 feet
Relative humidity, 81 7 a. m. 70 7 p. m.

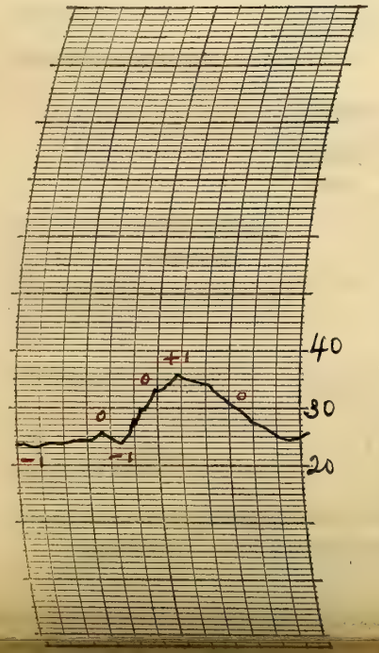
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.2 Wet temperature, 30.7
Dew-point, 27 R. humidity, 76 V. pressure, 143
Clouds: Amount, 6; Kind, a cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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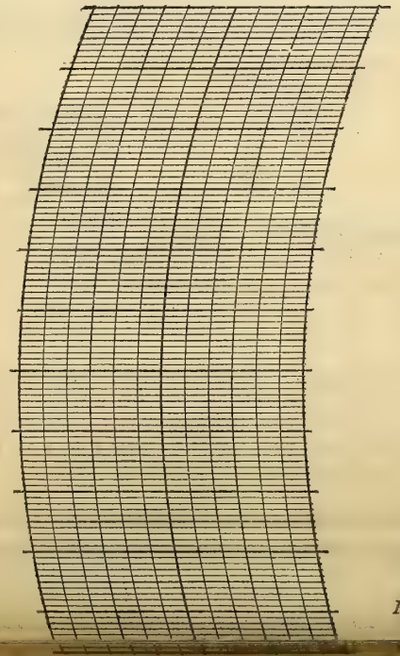
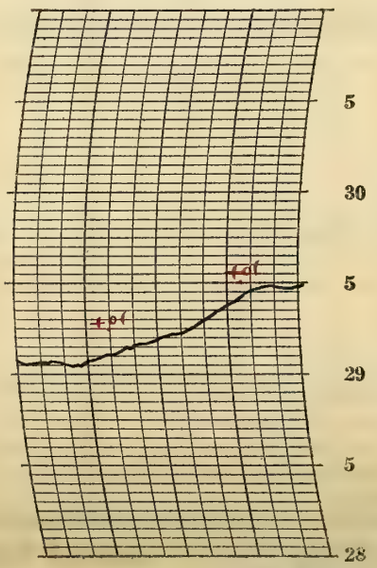


BAROGRAPH.



Prepared by O.E.R.

NOTES

Snowfall to 7 am. 0.3 inches
A light snow fell during the night am. The amount of cloudiness varied considerably from time to time. The sky was cloudless at night and the stars were quite brilliant.
The temperature was above the normal and there was some thawing during the day.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 21 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	22	21	20	20	20	19	21	22	25	30	34	39	42	42	41	40	39	39	38	38	38	39	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear									→				
Sunshine (in tenths of hours)								.98 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	.73 0							
Wind direction	N	N	SE	SE	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	2	4	5	9	9	8	10	11	14	14	16	15	16	15	13	13	12	14	18	18	16	15	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:01 Character, Clear
Moonrise: 3:49a Clear
Sunset: Time, 4:44 Character, Clear
Moonset: 1:55p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

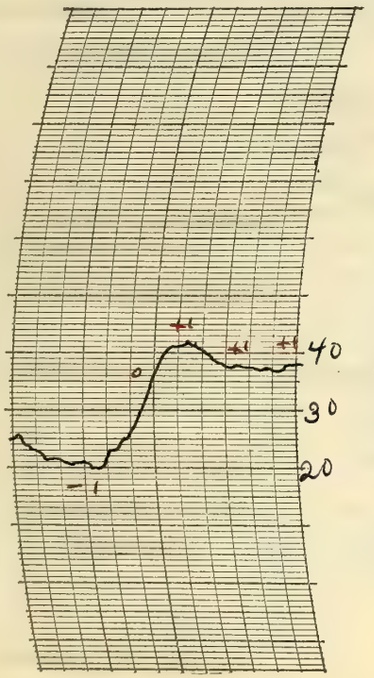
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	19	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 9.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 8:37 p. m.
Reduced barometer, 30.457 a. m. 30.157 p. m.
River gage, 3.2 feet
Relative humidity, 94 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.0 Wet temperature, 30.0
Dew-point, 24 R. humidity, 62 V. pressure, 124
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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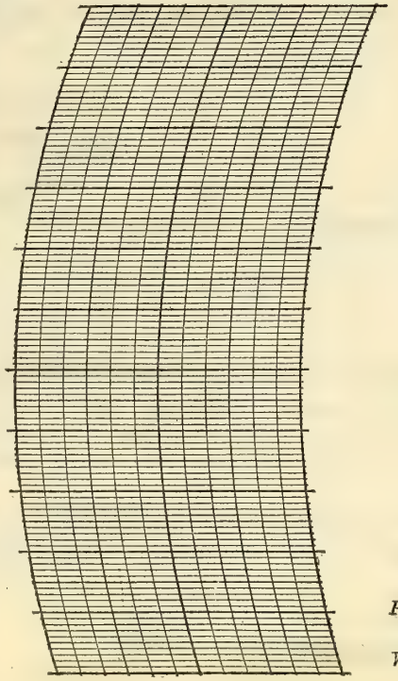
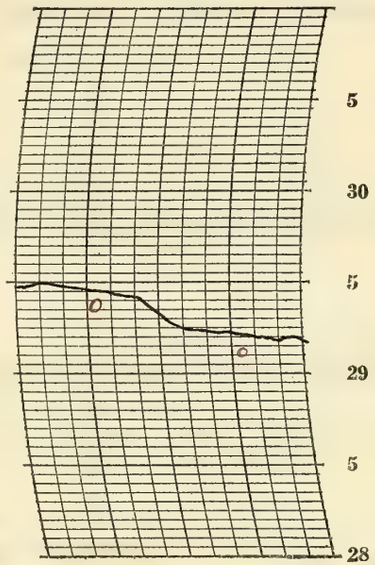


BAROGRAPH.



Prepared by O.E.R.
Verified by C. M. Donough

8—486

NOTES

The sky was clear all day and into the night. Stars bright.
The temperature rose rapidly from early morning and it was above 40° for a while in the afternoon. Some thawing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 22 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	34	32	31	31	31	32	33	33	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Pt. Cloudy				

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	33	31	26	23	21	19	18	16	15	14
State of weather: Nature of precipitation and time of beginning and ending					Sn B 4:50	Sn E 5:45		Sn B 7:02 Sn E 7:20				
Amounts of precipitation					T	T		T				
Cloudiness and other conditions			X		Clear					→		

Sunrise: Time, 7:00 Character, Cloudy

Moonrise: 4:57a Clear

Sunset: Time, 4:46 Character, Cloudy

Moonset: 2:53p Clear

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0.3	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	13	13	12	12	11	11	12	12	13	15	18	18
Maximum velocities (exceeding 29 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3							
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	20	24	28	28	29	23	17	16	11	11	7	6
Maximum velocities (exceeding 29 miles) direction and time			32 W 239	34 W 331	34 W 429							

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	14	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 1.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.6 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 78

Prevailing wind direction, W Total wind, 380

Average hourly velocity, 15.8 Extreme velocity, 42

Maximum velocity, 37 Direction, W

Time began, 2:39 p

Reduced barometer, 30.17 7 a. m. 30.47 7 p. m.

River gage, 3.0 feet

Relative humidity, 84 7 a. m. 71 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

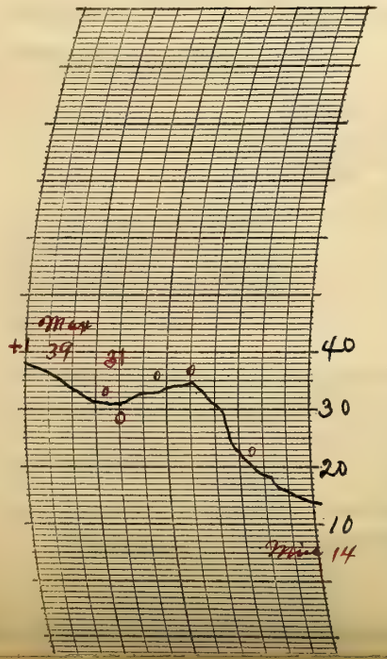
Dry temperature, 34.5 Wet temperature, 30.0

Dew-point, 22 R. humidity, 58 V. pressure, .113

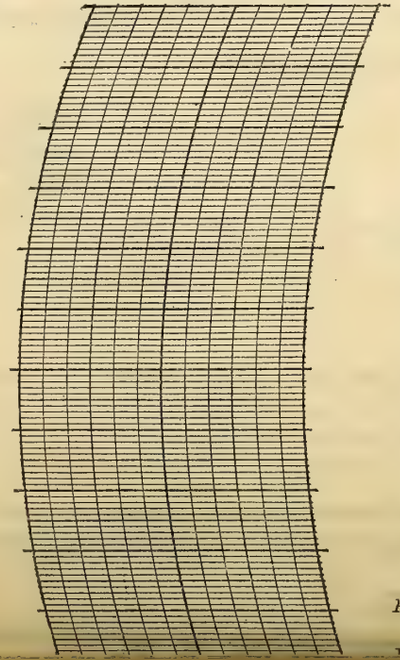
Clouds: Amount, 4; Kind, Acu; Direction, W

Velocity of clouds (miles per hour)

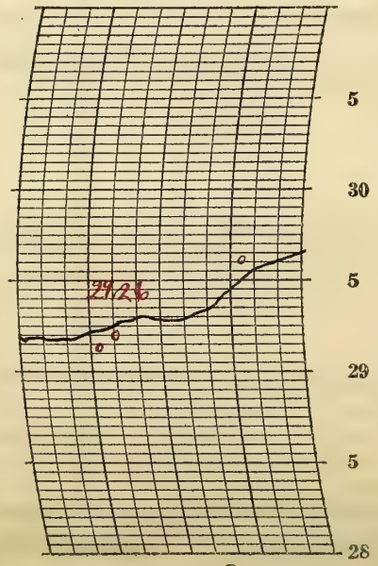
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

22° Solar Halo observed 10:30 am.

The sky was partly cloudy in the forenoon and mostly clear during the afternoon and into the night. Light snows fell in the afternoon and evening from an almost clear sky.

The temperature was considerably above normal during the early morning but it fell rapidly during the afternoon and evening. Moderate to brisk winds from the west and northwest.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 23 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	12	11	11	11	11	12	13	15	16	16
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Bldy. X				Pt cldy X			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE	E
Wind movement	7	4	4	4	4	4	4	5	8	8	6	6

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 6:00a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	20	19	18	17	16	16	16	15	14	14
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.98 0							
Wind direction	E	E	E	SE	SE	E	E	E	SE	SE	SE	SE
Wind movement	5	6	7	6	7	4	4	6	7	7	9	11

Sunset: Time, 4:47 Character, Clear
Moonset: 3:57p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

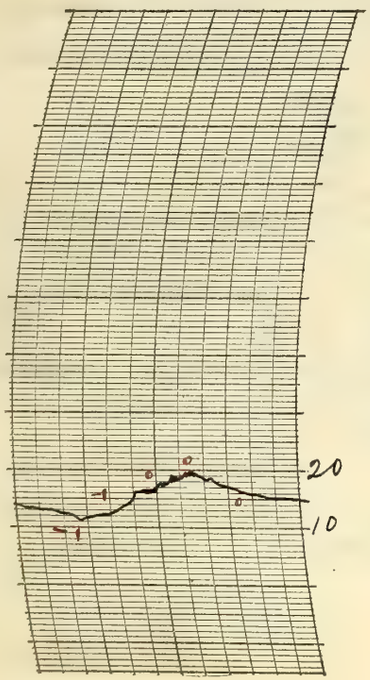
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	10	15	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 93
Prevailing wind direction, E-NW Total wind, 143
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 11:32 p m
Reduced barometer, 30.75 7 a. m. 30.60 7 p. m.
River gage, 3.0 feet
Relative humidity, 79 7 a. m. 63 7 p. m.

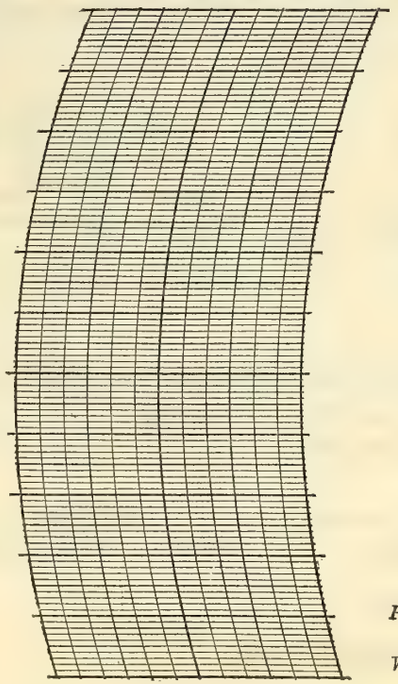
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.4 Wet temperature, 14.4
Dew-point, 8 R. humidity, 66 V. pressure, .057
Clouds: Amount, Few; Kind, St cu; Direction, NE
Velocity of clouds (miles per hour)

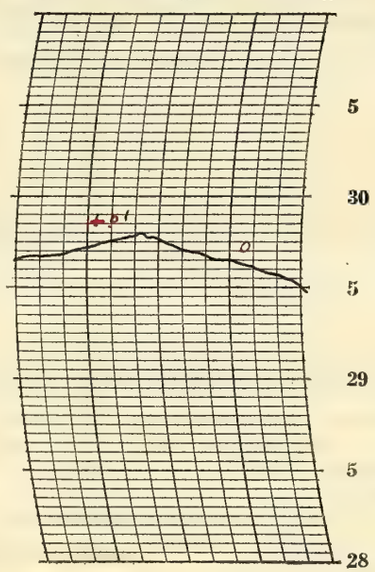
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. M. Brough

8—486

NOTES

Snowfall to 7 a.m. trace
The cloudiness decreased from early morning. The sky was clear during the afternoon and night. Stars bright.
Temperatures considerably below the seasonal average

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 24 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	14	15	16	19	20	22	25	29	33	36	38	41	41	41	40	39	39	39	38	38	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear		—	×	Pt Cldy	×		—		Cloudy								→	
Sunrise: Time, Character	6:51 Cloudy																							
Moonrise:	6:57a Cloudy																							
Sunset: Time, Character																					4:48 Cloudy			
Moonset:																					5:07p Cloudy			
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	0.9	0.8	1.0	0.4	0	0							
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	4	7	8	13	16	15	14	15	17	17	15	16	14	14	13	10	6	7	10	7	6	7	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

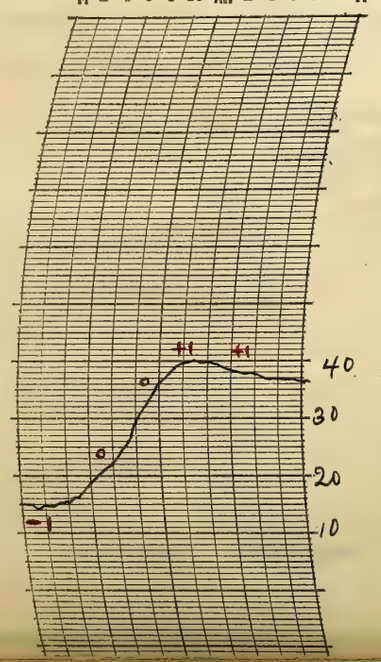
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	13	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase, New moon 8:45 a.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 264
Average hourly velocity, 11.0 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 9:19 a m
Reduced barometer, 30.27 7 a. m. 30.13 7 p. m.
River gage, 2.9 feet
Relative humidity, 65 7 a. m. 72 7 p. m.

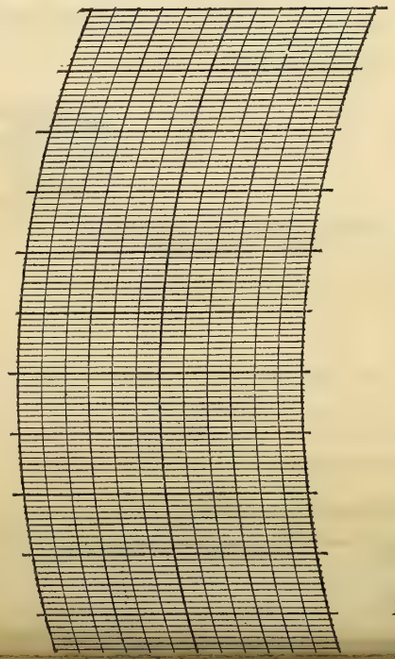
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.4 Wet temperature, 30.9
Dew-point, 22 R. humidity, 53 V. pressure, .113
Clouds: Amount, 8; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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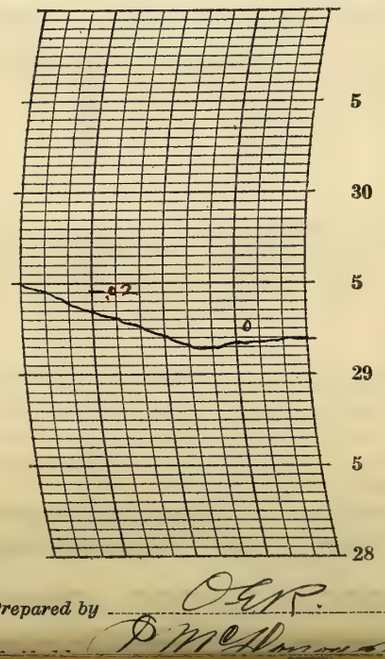


Prepared by O.G.R. D. McDonald

NOTES

Eclipse of sun observed; moon in noticeable contact before 7:10 am, greatest portion of sun obscured about 8:00 a.m., moon still in slight contact at 8:55 a.m.

22° Solar Halo observed 12:45 p.m.

The cloudiness increased from early morning and it was cloudy all afternoon and into the night. The temperature rose rapidly during the morning and it was somewhat above normal during the afternoon and night.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 25 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	33	33	33	32	34	38	39	41	42	42	40	38	38	37	36	36	35	36	37	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy		×	Clear	×				Cloudy							→			
Sunrise: Time, Character	6:58 Cloudy																				Sunset: Time, Character	4:49 Cloudy		
Moonrise:	7:45a Cloudy																				Moonset:	6:20p Cloudy		
Sunshine (in tenths of hours)							0	0	0.9	1.0	0.6	0.4	1.0	0.5	0	0	0							
Wind direction	SW	W	W	W	NW	N	E	E	E	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	4	2	3	4	5	6	5	6	7	5	4	4	4	4	4	4	4	5	5	4	2	2	4
Maximum velocities (exceeding 2.9 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.4 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 45
Prevailing wind direction, E Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 9:46 a.m.
Reduced barometer, 30.15 7 a. m. 29.98 7 p. m.
River gage, 2.9 feet
Relative humidity, 83 7 a. m. 83 7 p. m.

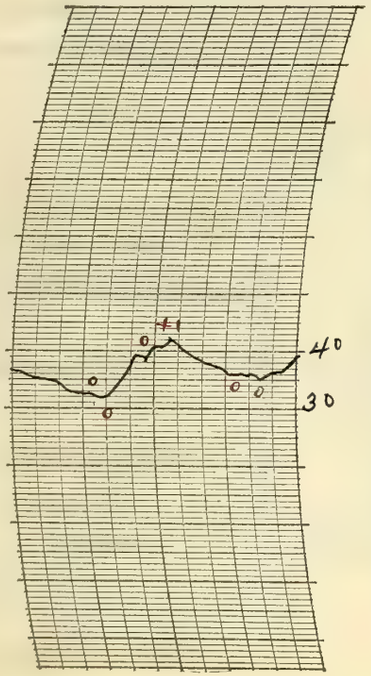
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 36.5
Dew-point, 30 R. humidity, 65 V. pressure, 164
Clouds: Amount, 8; Kind, Acu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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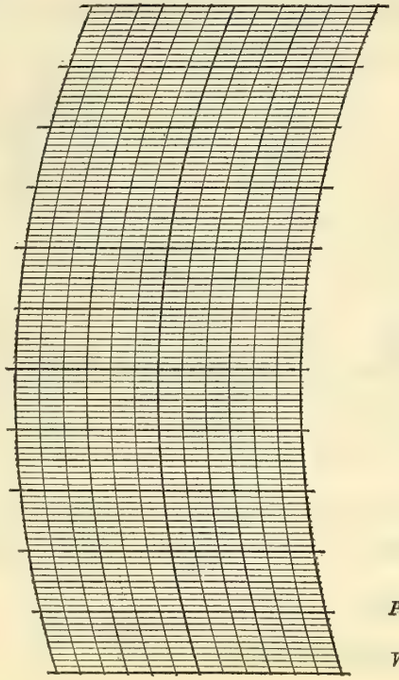
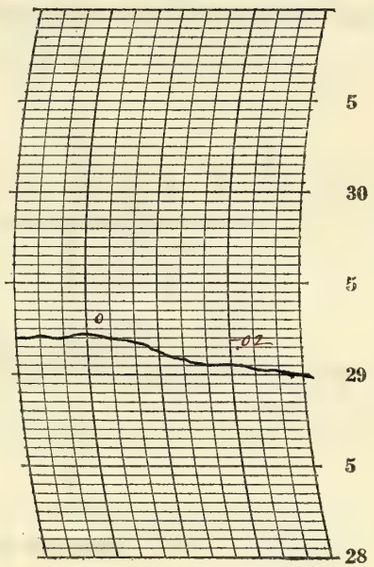


BAROGRAPH.



Prepared by O.E.R.

Verified by A. McBroughs

8—486

NOTES

The sky was overcast the greater part of the day although it cleared somewhat about 9 a.m.

The temperature remained high the entire 24 hours and there was considerable melting.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 26 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	41	41	41	41	41	37	31	26	23	21	20	19	18	16	15	13	11	9	8	7	6	5
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15		RE 9:00		RB 10:45		RE 12:50 SIB 12:50			SIE 3:30								
Amounts of precipitation							—	—	—		—	—	—	—	—	—								
Cloudiness and other conditions					←						Cloudy										→			

Sunrise: Time, 6:57 Character, Cloudy
Moonrise: 8:27a Cloudy

Sunset: Time, 4:51 Character, Cloudy
Moonset: 7:31p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	7	9	9	10	9	8	7	9	11	16	15	16	15	16	15	15	14	13	15	17	17	15	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	5	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 308
Average hourly velocity, 12.8 Extreme velocity, 24
Maximum velocity, 23 Direction, N
Time began, 8:50p.
Reduced barometer, 29.94 7 a. m. 30.41 7 p. m.
River gage, 3.1 feet
Relative humidity, 94 7 a. m. 75 7 p. m.

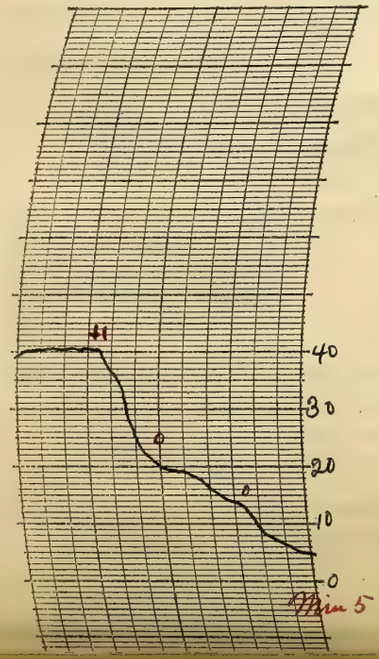
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

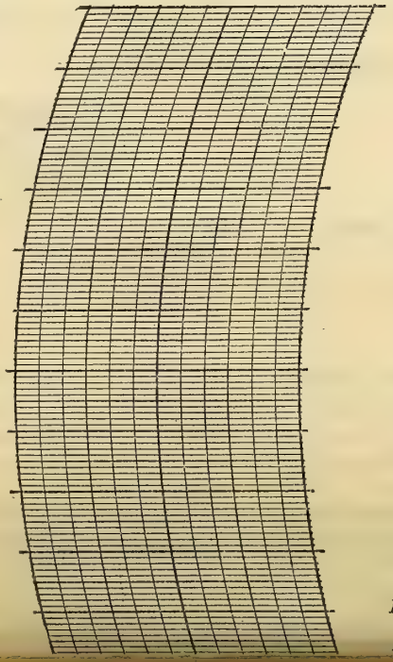
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 20.7 Wet temperature, 19.5
Dew-point, 17 R. humidity, 83 V. pressure, 089
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

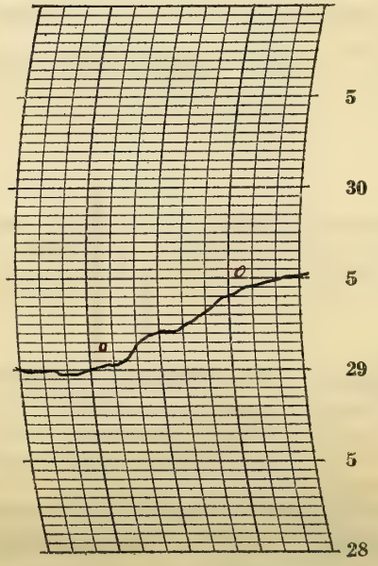
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

NOTES

The sky was overcast all day with light misty rain and light snow flurries. The total precipitation was very small.

The temperature was high in the early morning but fell rapidly after 7 a.m. Cold northwest wind.

Cold wave warning received 8:46 a.m. Temperature forecast zero to 10° above.

FORM NO. 1011 Mec 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 27 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	3	3	3	2	2	2	2	3	4	5	6	8	9	10	9	9	7	6	5	4	4	2	2
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy					X Pt Cldy X						Clear					→			
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	87 0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	14	12	13	11	12	12	11	13	14	17	15	14	14	14	13	14	13	12	11	13	10	9	10	8

Sunrise: Time, 6:56 Character, Cloudy
Moonrise: 9:03a Cloudy

Sunset: Time, 4:52 Character, Clear
Moonset: 8:40p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

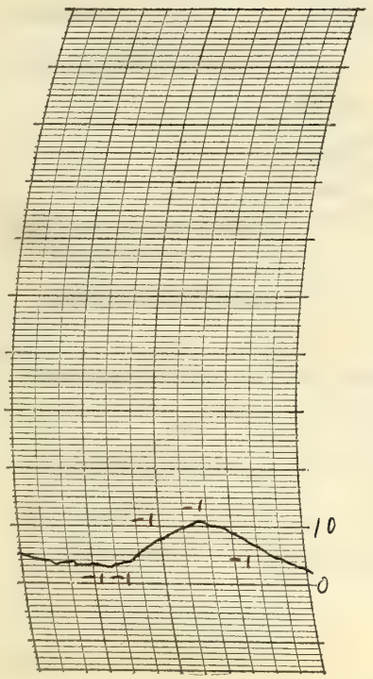
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	2	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.1 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 82
Prevailing wind direction, N Total wind, 299
Average hourly velocity, 12.5 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 9:33 a.m.
Reduced barometer, 30.57 7 a. m. 30.58 7 p. m.
River gage, 3.1 feet
Relative humidity, 85 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 6.5 Wet temperature, 5.5
Dew-point, 0 R. humidity, 76 V. pressure, .038
Clouds: Amount, 2; Kind, Cu St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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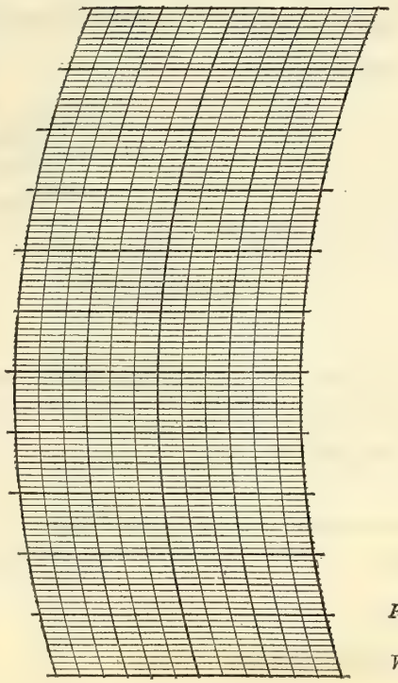
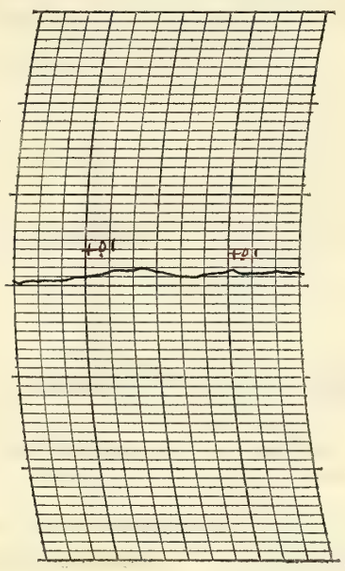


BAROGRAPH.



Prepared by O.E.R.

Verified by A.M. McDonough

8—486

NOTES

The cold wave forecast of the previous date was verified this morning with a temperature of 2° above zero and a fall of 39° in 24 hours.

The sky was overcast in the early morning but the cloudiness gradually decreased until it was cloudless in the late afternoon and night. Stars bright.

The temperature remained low all day and the north, northeast wind made the weather uncomfortably cold.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 28 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-2	-2	-3	-3	-3	-2	2	6	9	12	16	19	19	20	19	18	17	16	16	15	15	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear				Pt Cldy					Clear			Cloudy					
Sunshine (in tenths of hours)							.8 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	0.6	0.7	0							
Wind direction	E	NE	NE	NE	NE	E	NE	NE	NE	NE	E	NE	E	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	7	7	6	6	7	5	6	5	7	5	7	7	7	9	10	8	8	6	9	10	10	11	9

Sunrise: Time, 6:55 Character, Clear
Moonrise: 9:36a Cloudy
Sunset: Time, 4:53 Character, Cloudy
Moonset: 9:46p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

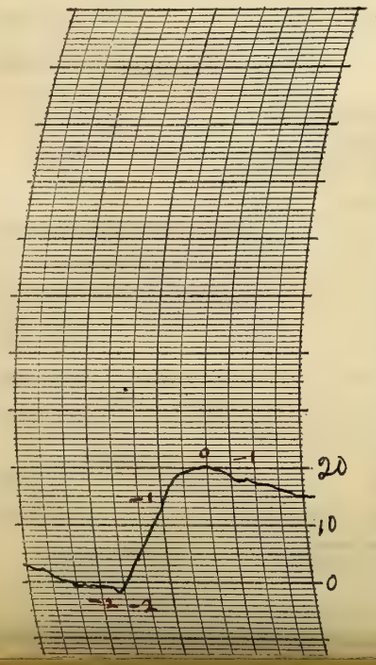
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	-4	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.4 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 84
Prevailing wind direction, NE Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 9:23 p.m.
Reduced barometer, 30.527 a. m. 30.297 p. m.
River gage, 3.1 feet
Relative humidity, 100 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 12.3 Wet temperature, 10.7
Dew-point, 5 R. humidity, 68 V. pressure, .049
Clouds: Amount, 3; Kind, a st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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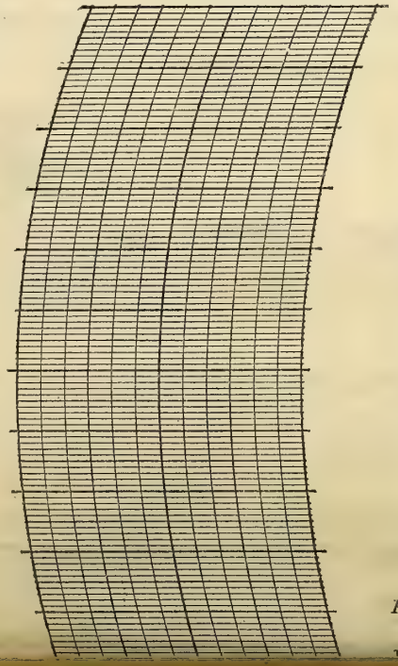
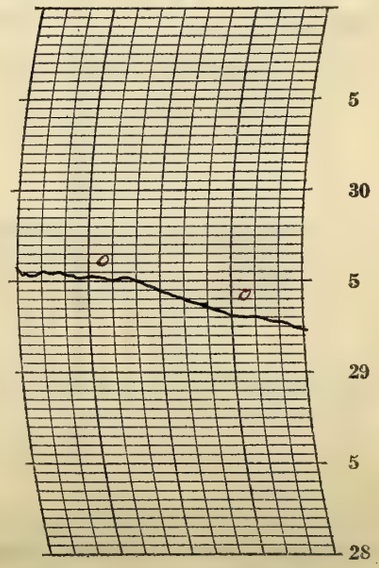


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES

22° Solar Halo observed 3:15 p.m.
Thin upper clouds prevailed all day and into the night. Position of moon and brighter stars visible.
The day was quite cold altho the temperature rose rapidly from early morning until afternoon.

Form No. 1014—Mct 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 29 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	15	15	15	15	15	16	17	18	19	19
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	9	10	9	9	8	9	8	8	9	9	8	6

Sunrise: Time, 6:55 Character, Cloudy
Moonrise: 10:06a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	23	25	23	21	20	19	18	17	16	16
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									5-0 Clear			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	5	7	8	7	7	9	10	9	7	8	7	7

Sunset: Time, 4:54 Character, Cloudy
Moonset: 10:50p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

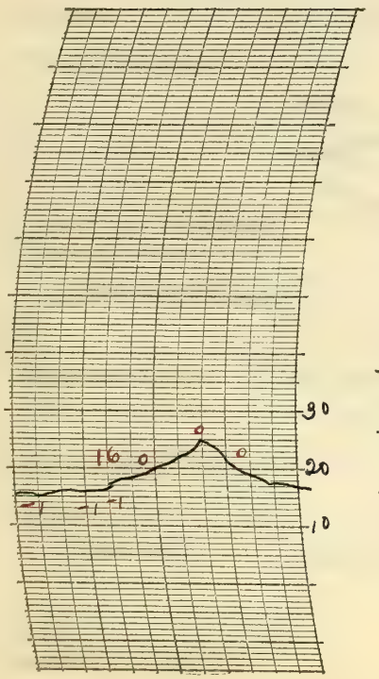
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	14	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 1.0
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 8:35a
Reduced barometer, 30.067 a. m. 30.09 7 p. m.
River gage, 3.0 feet
Relative humidity, 86 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.3 Wet temperature, 17.7
Dew-point, 13 R. humidity, 75 V. pressure, .074
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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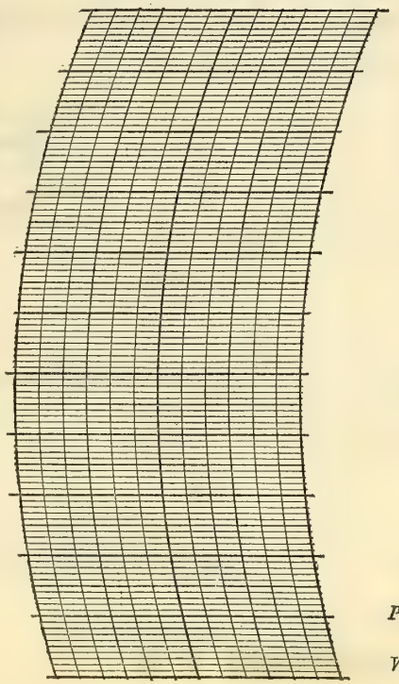
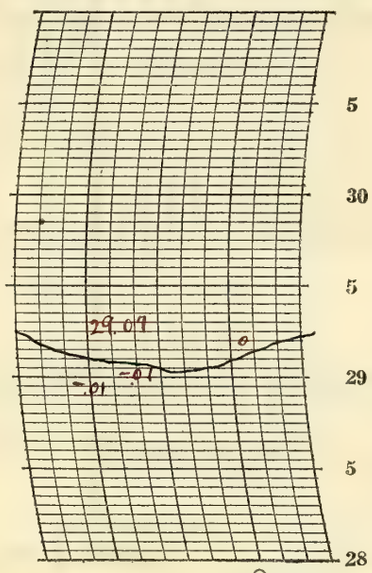


BAROGRAPH.



Prepared by O.G.R.

Verified by A. M. Donough

8—480

NOTES

Lower clouds prevailed until late in the afternoon and then upper clouds until after nightfall. The sky cleared somewhat in the night. Moon and stars visible.

Temperatures below the seasonal average.

22° Solar Halo observed 3:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 30 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	18	19	21	22	22	19	18	21	25	29	32	34	35	37	37	35	34	32	31	31	30	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)							.10 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.72 0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	6	6	6	5	7	8	8	7	9	9	12	14	14	14	14	13	12	12	9	11	11	10	11	11

Sunrise: Time, 6:54 Character, Clear
Moonrise: 10:36 a Clear
Sunset: Time, 4:55 Character, Clear
Moonset: 11:51 p Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

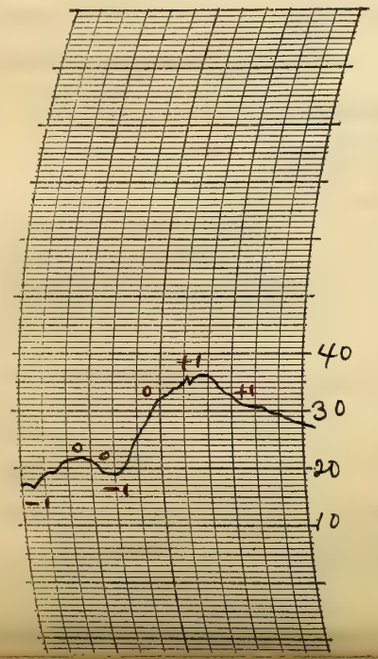
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	16	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 1:58 p.m.
Reduced barometer, 30.26 7 a. m. 30.25 7 p. m.
River gage, 3.0 feet
Relative humidity, 94 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.1 Wet temperature, 28.1
Dew-point, 21 R. humidity, 60 V. pressure, .108
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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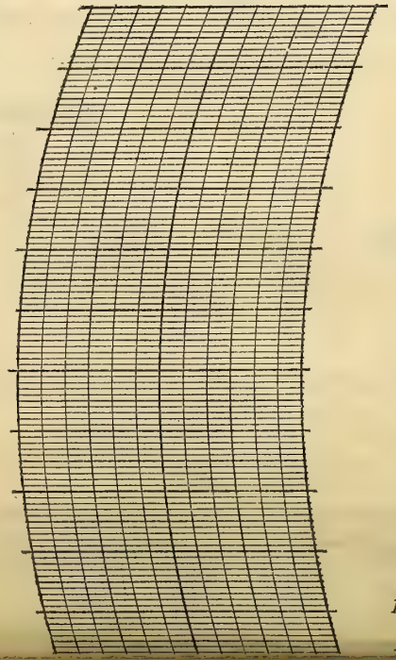
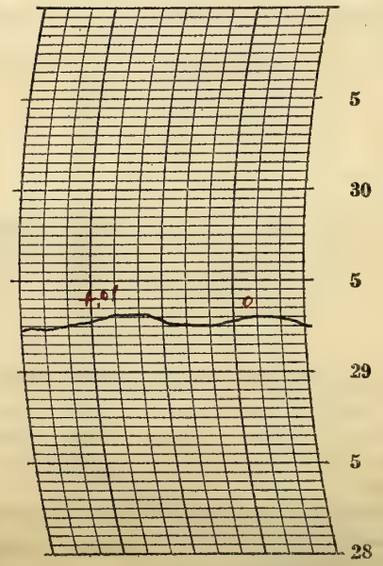


BAROGRAPH.



Prepared by O.E.R.
P. McDonough

NOTES

The sky was cloudless all day. Moonlight in early part of night p.m. Stars bright.

Fine weather with temperatures above freezing during the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 31 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	27	27	30	30	32	34	36	38	41	44	46	46	45	44	43	41	40	39	39	39	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			?		<	— Pt. Cloudy →			Cloudy →		<	— Pt. Cloudy →			<	—	Clear				< Cloudy — ?			
Sunrise: Time, Character, 6:53 Cloudy																								
Moonrise: 11:07a Cloudy																								
Sunset: Time, Character, 4:57 Cloudy																								
Moonset: — —																								
Sunshine (in tenths of hours)							0	0	0	0.2	0.6	1.0	1.0	0.8	1.0	0.4	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	12	11	11	14	13	14	18	19	19	22	23	23	23	19	19	18	15	12	9	8	7	6	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, First Quarter 10:43 am

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.0 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 50

Prevailing wind direction, S Total wind, 348

Average hourly velocity, 14.5 Extreme velocity, 30

Maximum velocity, 27 Direction, S

Time began, 9:50 am.

Reduced barometer, 30.05 7 a. m. 29.93 7 p. m.

River gage, 2.9 feet

Relative humidity, 62 7 a. m. 71 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

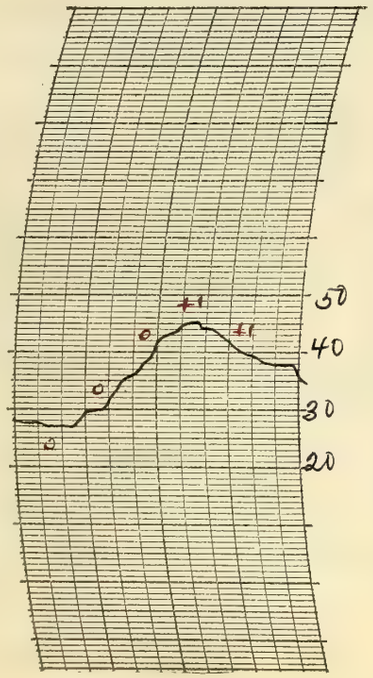
Dry temperature, 41.2 Wet temperature, 34.2

Dew-point, 23 R. humidity, 47 V. pressure, .118

Clouds: Amount, 3; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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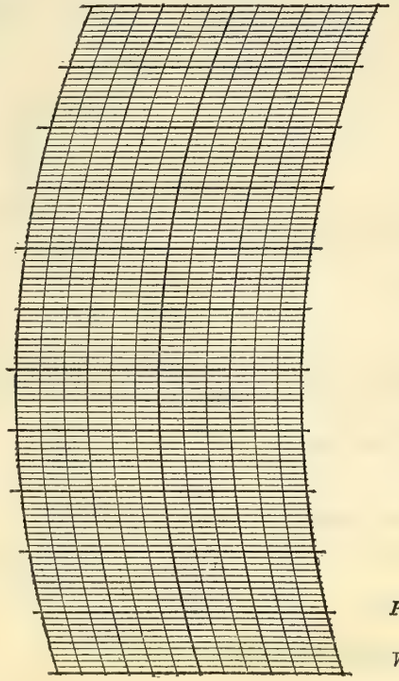
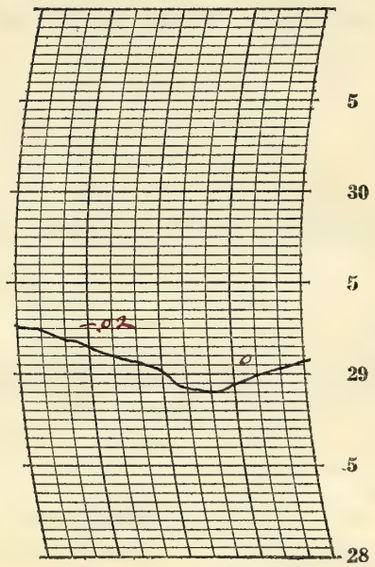


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A Coldwave warning included in the forecast was received at 8:50 am.

Variable Cloudiness and warm. The highest temperature of the month, 46°, occurred in the afternoon.

Some moonlight in the early night, but moon obscured by clouds in the late night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 1 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	32	30	29	27	26	26	25	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Cloudy					→
Sunshine (in tenths of hours)							0	0	0	0	0	0.7
Wind direction	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	6	6	8	12	10	11	14	13	14	13

Sunrise: Time, 6:52; Character, Cloudy. Moonrise: 11:39a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	26	26	26	26	26	26	25	25	24
Nature of precipitation and time of beginning and ending				RB 3:10	RE 4:30		RB 6:55	RE 7:35				
Amounts of precipitation				—	—		—	—				
Cloudiness and other conditions	←				Cloudy							→
Sunshine (in tenths of hours)	1.0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N
Wind movement	14	13	12	13	13	12	10	10	9	12	9	10

Sunset: Time, 4:58; Character, Cloudy. Moonset: 12:51a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

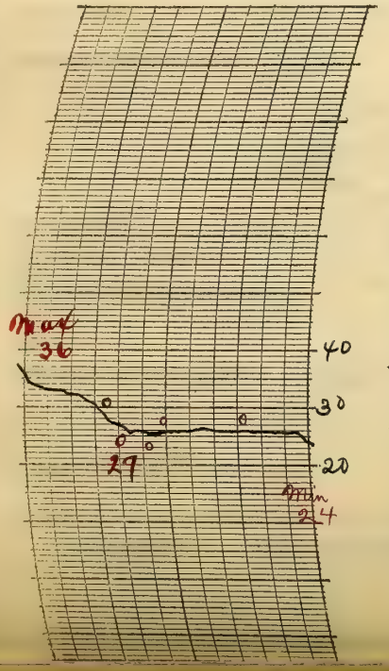
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.7 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 17
Prevailing wind direction, NE Total wind, 255
Average hourly velocity, 10.6 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 10:47 am
Reduced barometer, 30.09 7 a. m. 30.06 7 p. m.
River gage, 29 feet
Relative humidity, 72 7 a. m. 88 7 p. m.

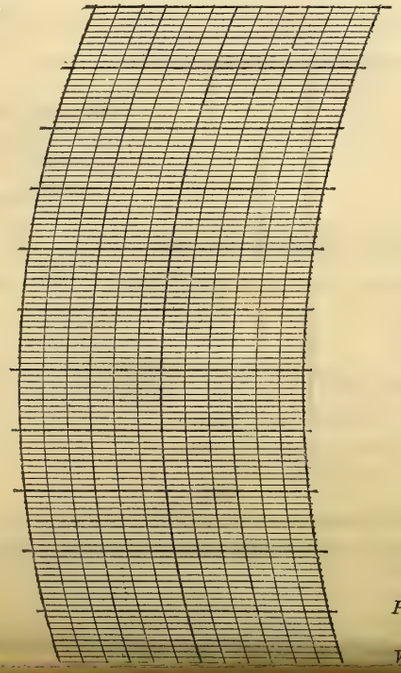
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 26.0 Wet temperature, 23.0
Dew-point, 16 R. humidity, 64 V. pressure, .085
Clouds: Amount, 9; Kind, St. Cu.; Direction, NE
Velocity of clouds (miles per hour)

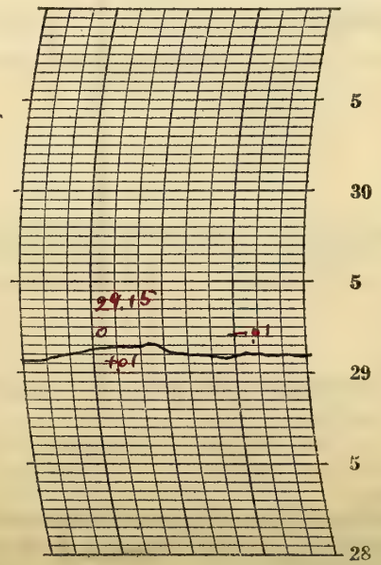
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

NOTES

Except for a slight clearing near noon, the sky was overcast all day with light sprinkling in the afternoon and evening. The rain froze as it fell. Streets and sidewalks somewhat slippery. The sky continued overcast into the night.

The temperature was falling at midnight a.m. but did not change much between 8 a.m. and midnight p.m.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 2 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	21	21	19	19	19	20	21	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)							0	0	0	0	0.6	0
Wind direction	N	N	N	N	N	N	NW	NW	N	N	N	N
Wind movement	11	10	11	10	11	9	9	11	12	13	14	11
Maximum velocities (exceeding 29 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	24	24	23	22	20	18	17	16	15	13
State of weather: Nature of precipitation and time of beginning and ending							Sd B 6:10	Sd E 7:10				
Amounts of precipitation							—	—				
Cloudiness and other conditions		Pt cldy	Cldy					Pt cldy	Cldy			
Sunshine (in tenths of hours)	0.5	1.0	0.5	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	11	11	11	10	11	9	12	12	12	10	9	9

Sunrise: Time, 6:51 Character, Cloudy
Moonrise: 12:13p Cloudy
Sunset: Time, 4:59 Character, Cloudy
Moonset: 1:49a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

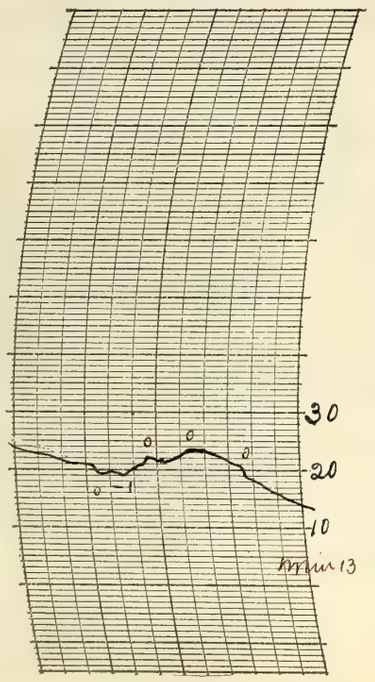
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	13	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.6 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 26
Prevailing wind direction, N Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 18
Maximum velocity, 17 Direction, N
Time began, 2:45 a.m.
Reduced barometer 30.18 7 a. m. 30.41 7 p. m.
River gage, 3.0 feet
Relative humidity, 85 7 a. m. 78 7 p. m.

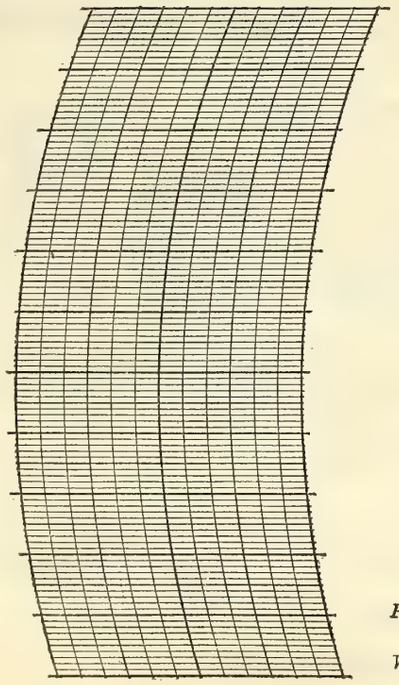
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.4 Wet temperature, 19.9
Dew-point, 16 R. humidity, 78 V. pressure, 085
Clouds: Amount, 10; Kind, St cu Direction, N
Velocity of clouds (miles per hour)

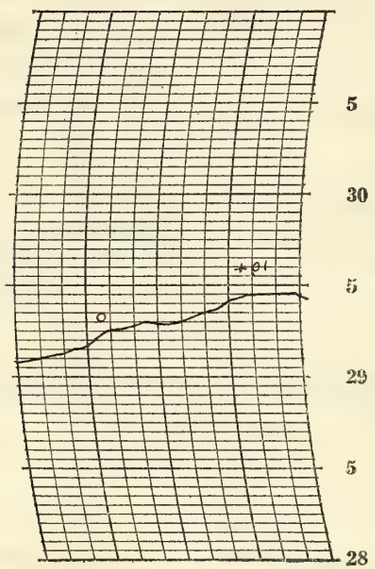
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by C. McGonough

8—186

NOTES

The sky was overcast during the morning but the cloudiness varied considerably in the afternoon and evening. A light snow was falling at the time of the p.m. observation but the sky became almost clear for a while between 7 p.m. and 8 p.m. There was moonlight for a while but the sky became overcast after 8 p.m.

Temperatures below the normal.

Streets and sidewalks were slippery during the forenoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 3 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	12	12	13	14	16	17	17	18	20	23	27	28	29	29	30	30	30	30	30	29	30	29
State of weather: Nature of precipitation and time of beginning and ending						SdB 5:55	SdE 6:20	SdB 7:15	SdE 8:20															
Amounts of precipitation						—	—	—	—															
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.9	1.0	0.5	0	0	0	0						
Wind direction	E	E	NE	NE	E	NE	E	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	6	5	5	3	3	4	5	6	9	7	8	7	7	8	9	8	9	9	11	11	12	11	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 12:51p Cloudy

Sunset: Time, 5:01 Character, Cloudy
Moonset: 2:45a Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

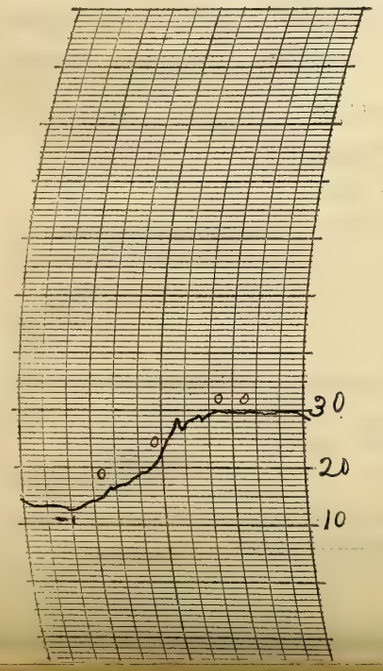
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	12	21	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 24
Prevailing wind direction, S Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 11:40 p.m.
Reduced barometer, 30.39 7 a. m. 30.22 7 p. m.
River gage, 3.0 feet
Relative humidity, 86 7 a. m. 82 7 p. m.

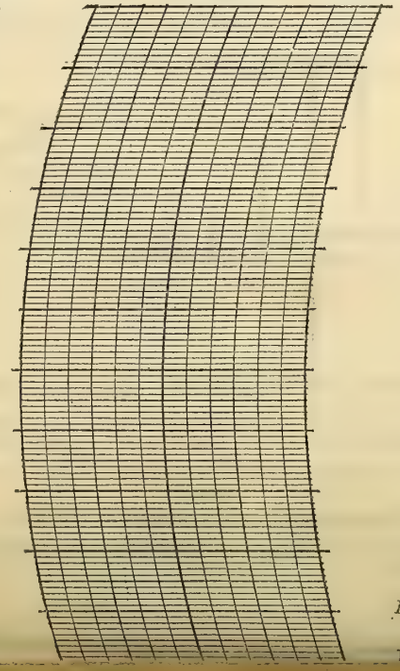
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.3 Wet temperature, 21.5
Dew-point, 17 R. humidity, 76 V. pressure, .089
Clouds: Amount, 8; Kind, Strat Direction, S
Velocity of clouds (miles per hour)

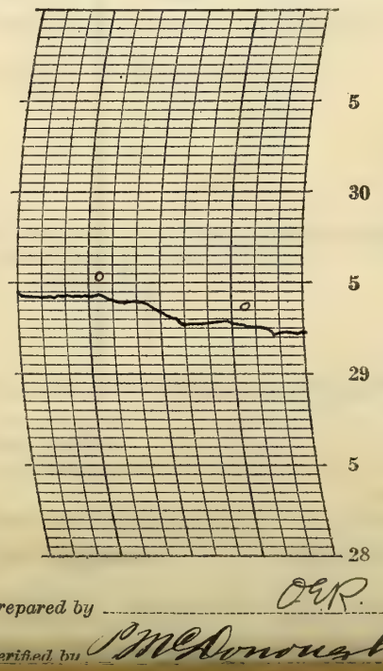
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O&R.

Verified by P. McDonough

NOTES

Snowfall to 7 a.m. T. rec.

A cloudy day with light snow in the forenoon. The temperature rose steadily from midnight a.m. until late afternoon and did not fall much at night p.m.

The following optical phenomena was observed from about 2:30 p.m. to about 2:50 p.m.: 22° Solar halo with sun dogs at right and left; upper tangent arcs of 22° halo; 46° Solar halo with sun dog at right; circumzenithal arc, highly colored. The whole phenomena showed more or less color. The clouds were alto-stratus which soon lowered to stratus.

Lunar corona observed 7:30 p.m.

(Station) .....

Time (local standard) 90th mer
normal time.

Temperature at end of hour.....

State of weather.
Nature of precipitation and time of beginning and ending.....
Amounts of precipitation .....
Cloudiness and other conditions

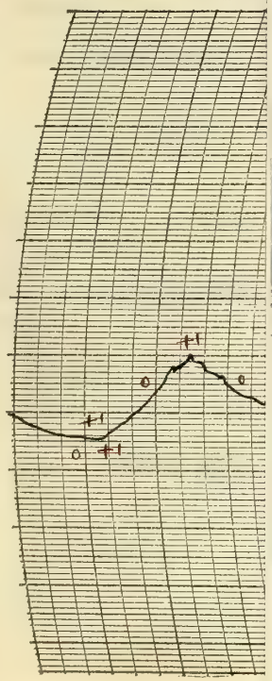
Sunshine (in tenths of hours) ....

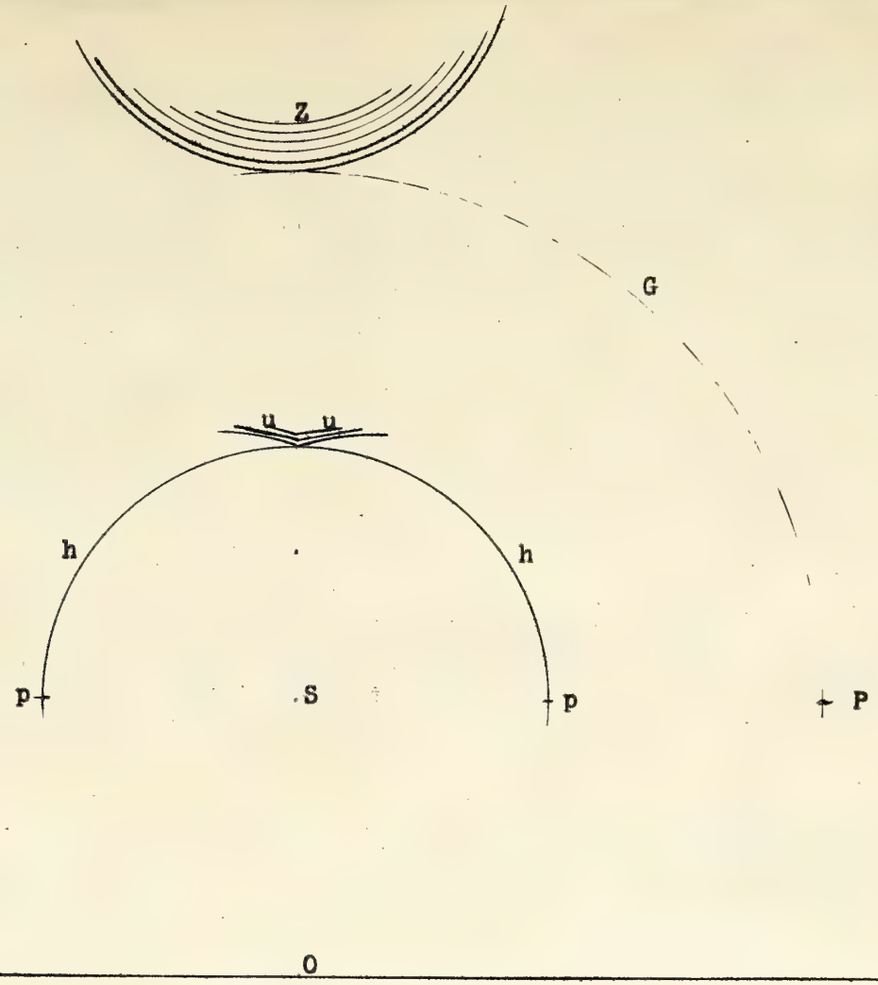
Wind direction .....

Wind movement.....
Maximum velocities (exceeding 29 miles) direction and time..

Excessive precipitation, accumulated amounts .....

THERMOGR
M 2 4 6 8 10 XII 2





Optical phenomena observed at Fort Wayne, Indiana, on February 3, 1925

H	Horizon	u	Upper tangent arcs
O	Observer	G	Solar Halo 46 degrees
S	Sun	P	Parhelion of great halo
h	Solar Halo 22 degrees	z	Zenith
p	Parhelia of small halo	Z	Circumzenithal arc

....., 192

Mean temperature.	Normal temperature.
33	

ding 7 p. m., 0 inches.
7 p. m., T inches.
ht, 0 inches.
ins.; to 7 p. m., 0 ins.
dnight, 0 inches.
Moon phase, ...
2
ossible sunshine, hours, 10.3
5
..... Total wind, 239
Extreme velocity, 13
.. Direction, S
am.
a. m. 30.15 7 p. m.
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7 a. m. 84 7 p. m.

AT 12 NOON.
Time.)
Wet temperature, 31.3
, 79 V. pressure, 150
, st cu; Direction, SW

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above normal.

Form No. 1014—Met'l

(Station) _____, 192

Time (local standard) 90th normal time.

Temperature at end of hour

State of weather.
- Nature of precipitation and t of beginning and ending
- Amounts of precipitation
- Cloudiness and other condit

Sunshine (in tenths of hours)

Wind direction

Wind movement

Maximum velocities (exceed 29 miles) direction and tim

Excessive precipitation, accum lated amounts

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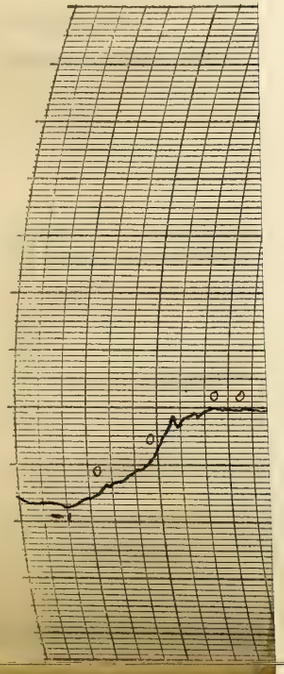
M 2 4 6 8 10 XII 2



e.	Mean temperature.	Normal temperature.
	21	

rs ending 7 p. m., T inches.
nd 7 p. m., T inches.
dnight, T inches.
T ins.; to 7 p. m., T ins.
o midnight, T inches.
7 Moon phase, 9
E Possible sunshine, hours, 10.2
24
S Total wind, 183
2 Extreme velocity, 16
T Direction, S
40 pm
2 7 a. m. 30.22 7 p. m.
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7 a. m. 82 7 p. m.

NS AT 12 NOON.
ean Time.)
Wet temperature 21.5
lity, 76 V. pressure, .089
nd, Stcu Direction, S
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n. Trace
ight snow in the
e steadily from
late afternoon
h at night p.m.
nomena was
bout 2:50 p.m.
t right and left;
lo; 46° Solar halo
circumzenithal
phenomena
s. The clouds
soon lowered
red 7:30 p.m.

(Station) .....

Time (local standard) 90° mer. normal time.

Temperature at end of hour.....

State of weather. { Nature of precipitation and time of beginning and ending..... Amounts of precipitation ..... Cloudiness and other conditions

Sunshine (in tenths of hours) ....

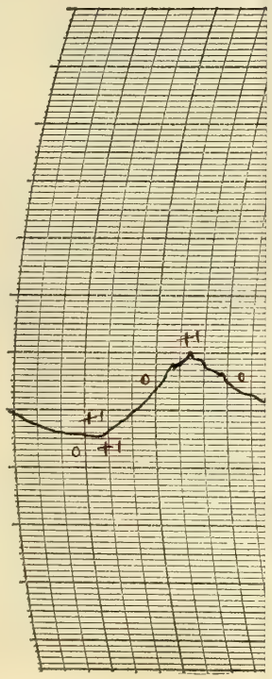
Wind direction .....

Wind movement..... Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts .....

THERMOGR

M 2 4 6 8 10 XII 2



The attached diagram is a sketch of the optical phenomena observed on February 3, 1925, from about 2:30 p. m. to about 2:50 p. m. The clouds had been heavy and light showers occurred during the morning. Sometime before noon the Stratus clouds became rifted with Alto-stratus above. At 2:30 p. m. the Alto-stratus seemed rather thick and patchy, the sun being almost obscured at intervals. About 1:30 p. m. conditions were such as to expect the formation of a 22° Solar halo but none appeared at that time. Observation was made at intervals for a halo but the first of the phenomena to appear was the parhelion at the right of the sun and about 22° distance, at 2:30 p. m. Shortly afterwards a portion of the 22° halo appeared, then the upper tangent arcs and, following the halo to the left, a parhelion appeared at that side. The parhelion at 46° to the right of the sun was next observed, followed by portions of the 46° halo leading up to the Circumzenithal arc. The latter phenomenanwas first observed at 2:40 p. m. and it was the last of all the phenomena to disappear, fading out at about 2:50 p. m. as the clouds became heavier.

The parhelia of the 22° halo may have been slightly more than 22° distant from the sun but they were not distinctly separated from the halo. The parhelion of the 46° halo was apparently at the same distance from the sun as the halo but the halo was very fragmentary and did not extend entirely down th the parhelion. About one half of the small halo was visible but it was brighter in some segments than in others. Only portions of the upper right hand quarter of the great halo were visible. All three parhelia were rounded in form and brighter than the portions of the halos nearest them. The parhelia of the 22° halo were slightly brighter than the parhelion of the 46° halo. Both halos and their parhelia were moderately colored red.

The upper tangent arcs were not very long and were not distinctly curved either towards or away from the 22° halo. The potit of contact between the arcs and the 22° halo was rather wide and quite brilliant. It was distinctly red, towards the sun, fading off into orange and white.

The Circumzenithal arc was quite the more brilliant of the whole phenomena. As stated before, it was observed from 2:40 p. m. till 2:50 p. m., but it was probably visible some minutes before it was observed. The outside of the arc was from one fourth to one third of a circle in extent.

....., 192

Mean temperature.	Normal temperature.
33	

nding 7 p. m., 0 inches.
7 p. m., T inches.
ght, 0 inches.
ins.; to 7 p. m., 0 ins.
idnight, 0 inches.
Moon phase, ...
2
Possible sunshine, hours, 10.2
15
..... Total wind, 239
Extreme velocity, 13
Direction, S
1 am.
7 a. m. 30.15 7 p. m.
Rest
7 a. m. 84 7 p. m.

AT 12 NOON.
n Time.)
Wet temperature, 31.3
y, 79 V. pressure, 150
l, Steady; Direction, SW
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...nds during
...it was
...noon and
...hr.
...above normal.

Form No. 1014—Met'l

(Station)

Time (local standard) 4
normal time.

Temperature at end of hot

State of weather.
Nature of precipitation
of beginning and end
Amounts of precipitati
Cloudiness and other co

Sunshine (in tenths of hours

Wind direction

Wind movement
Maximum velocities (exc
29 miles) direction and

Excessive precipitation, acc
lated amounts

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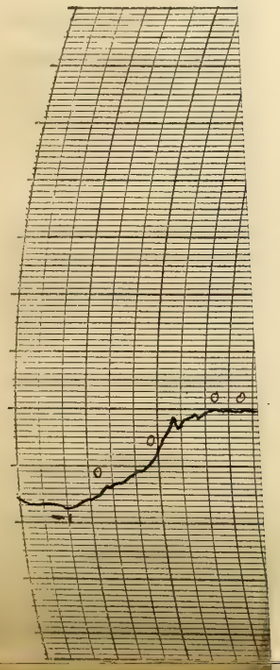


, 192

n ire.	Mean temperature.	Normal temperature.
	21	

urs ending 7 p. m., T inches.
nd 7 p. m., T inches.
idnight, T inches.
T ins.; to 7 p. m., T ins.
to midnight, T inches.
by Moon phase,
), 9
Possible sunshine, hours, 10.2
24
S Total wind, 183
2 Extreme velocity, 16
5 Direction, S
40 p.m.
9 7 a. m. 30.22 7 p. m.
Clear
7 a. m. 82 7 p. m.

NS AT 12 NOON.
(ean Time.)
Wet temperature, 21.5
dity, 76 V. pressure, .089
nd, S+cu Direction, S
ar)

n. Trace
light snow in the
e steadily from
late afternoon
h at night p.m.
nomena was
bout 2:50 p.m.
t right and left;
lo; 46° Solar halo
circumzenithal
phenomena
r. The clouds
soon lowered
red 7:30 p.m.

(Station) .....

Time (local standard) 90" mer. normal time.

Temperature at end of hour.....

State of weather. { Nature of precipitation and time of beginning and ending..... Amounts of precipitation ..... Cloudiness and other conditions

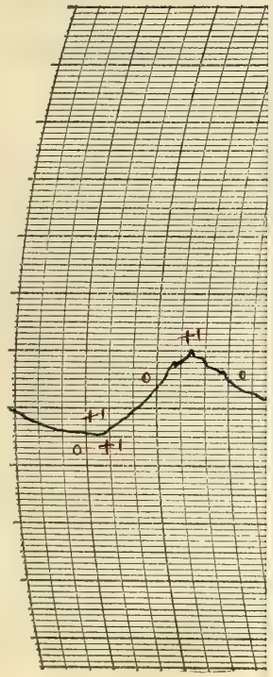
Sunshine (in tenths of hours) ....

Wind direction .....

Wind movement.....
Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts .....

THERMOGR



The width or thickness of the arc immediately above the sun, at the point of contact with the 46° halo, was about 4°. The colors were brilliant and distinct as in a rainbow with red nearest the sun followed by orange, yellow, and greenish-blue. The bands of color inside the red were each successively shorter so that the arc was considerably wider in the center immediately above the sun than at points farther from the sun.

A number of persons in the city were evidently attracted by the brilliancy of the Circumzenithal arc. From the nature of the telephone inqueries at the Weather Bureau office and at the offices of the local press, those who saw the phenomena likened it to a rain bow high up in the sky.

No instrument was at hand for taking angles at the time but a surveyors transit was secured and the angle on the sun taken at 2:30 p.m. the following day. The Altitude of the sun at that time was 24°.

J. E. Russell
Observer

....., 192

Mean temperature.	Normal temperature.
33	

nding 7 p. m., 0 inches.
7 p. m., T inches.
ght, 0 inches.
ins.; to 7 p. m., 0 ins.
idnight, 0 inches.
Moon phase, ...
2
Possible sunshine, hours, 10.2
7.5
..... Total wind, 239
Extreme velocity, 13
..... Direction, S
1 ans.
7 a. m. 30.15 7 p. m.
feet
7 a. m. 84 7 p. m.

AT 12 NOON.
n Time.)
Wet temperature, 31.3
y, 79 V. pressure, 150
, St Cu; Direction, SW
)

u in the
d the deposit
ally heavy.
rds during
it was
noon and
ist.
above normal.

Form No. 1014—Met'l

(*Station*)

Time (local standard) -
normal time.

Temperature at end of hou

State of weather.
Nature of precipitation
of beginning and end
Amounts of precipitati
Cloudiness and other co

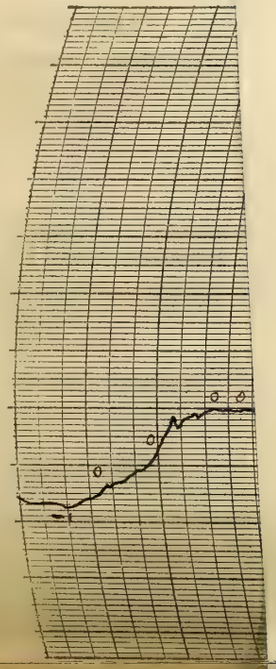
Sunshine (in tenths of hours

Wind direction

Wind movement
Maximum velocities (exc
29 miles) direction and

Excessive precipitation, acc
lated amounts

THERMO
M 2 4 6 8 10 XII



, 192

n re.	Mean temperature.	Normal temperature.
	21	

urs ending 7 p. m., T inches.
nd 7 p. m., T inches.
idnight, T inches.
T ins.; to 7 p. m., T ins.
to midnight, T inches.
Moon phase,
9
Possible sunshine, hours, 10.2
24
S Total wind, 183
2 Extreme velocity, 16
5 Direction, S
40 p.m.
9 7 a. m. 30.22 7 p. m.
Clear
7 a. m. 82 7 p. m.

NS AT 12 NOON.
ean Time.)
Wet temperature 21.5
dity, 76 V. pressure, .089
nd, Stew Direction, S
ar)

n. Trace
ight snow in the
e steadily from
late afternoon
h at night p.m.
nomena was
bout 2:50 p.m.
t right and left;
lo; 46° Solar halo
circumzenithal
phenomena
r. The clouds
soon lowered
red 7:30 p.m.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	26	26	25	26	27	29	30	32	34	38	39	41	39	37	35	34	32	32	32	31	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				×	Partly			×		Clear							→		
Sunshine (in tenths of hours)							.18 0	0.8 0	0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.3 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	10	10	10	11	10	9	10	9	11	11	11	9	10	10	10	9	10	10	10	10	9	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:49 Character, Clear
Moonrise: 11:34p Clear
Sunset: Time, 5:02 Character, Clear
Moonset: 3:38a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

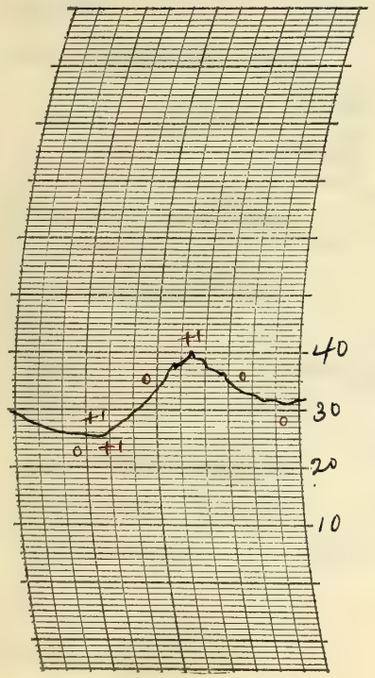
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	25	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 75
Prevailing wind direction, S Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 11:21 am.
Reduced barometer, 30.19 7 a. m. 30.15 7 p. m.
River gage, 2.9 feet
Relative humidity, 74 7 a. m. 84 7 p. m.

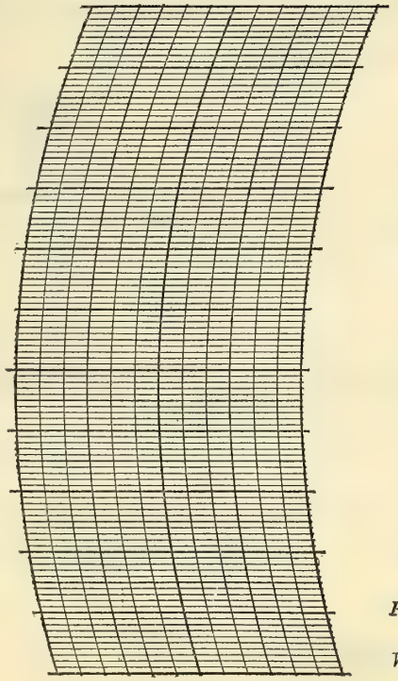
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.5 Wet temperature, 31.3
Dew-point, 28 R. humidity, 79 V. pressure, 150
Clouds: Amount, 4; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

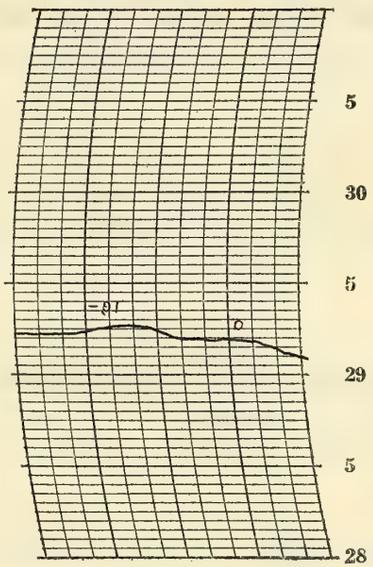
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was clear in the early morning and the deposit of frost was unusually heavy. There were some clouds during the forenoon but it was clear in the afternoon and night. Moonlight.

Temperatures above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 5 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	33	34	35	35	35	36	39	41	42	44	46	48	49	49	48	47	46	43	43	41	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							.20 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.05 0						
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW	E	SE	SE	SE
Wind movement	8	9	11	11	13	12	13	11	9	10	11	9	9	8	6	4	4	2	2	3	3	4	4	3

Clear

Sunrise: Time, 6:48 Character, Clear

Moonrise: 2:20p Clear

Sunset: Time, 5:03 Character, Clear

Moonset: 4:28a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 179

Average hourly velocity, 7.5 Extreme velocity, 16

Maximum velocity, 15 Direction, 6

Time began, 6:35a

Reduced barometer, 29.94 a. m. 30.02 7 p. m.

River gage, 29 feet

Relative humidity, 91 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

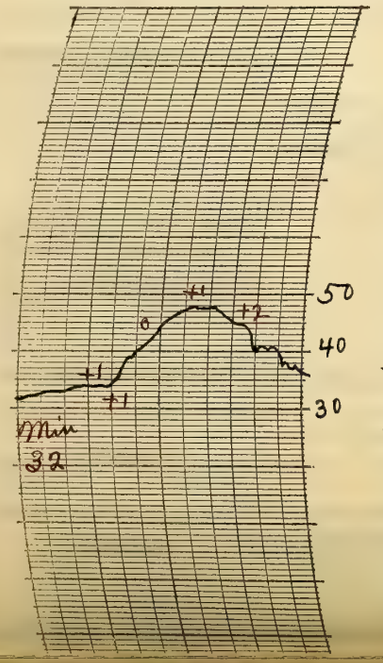
Dry temperature, 44.5 Wet temperature, 40.2

Dew-point, 35 R. humidity, 69 V. pressure, 203

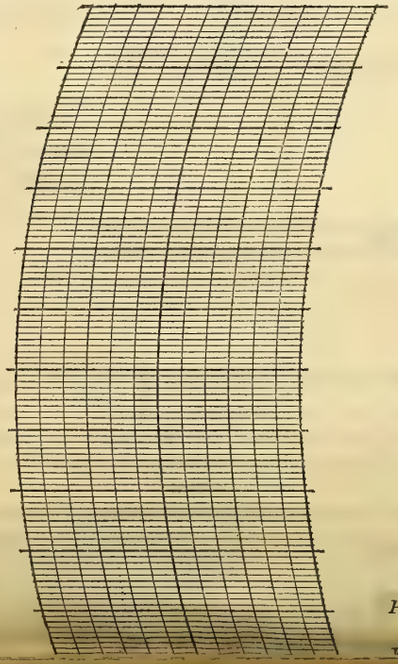
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

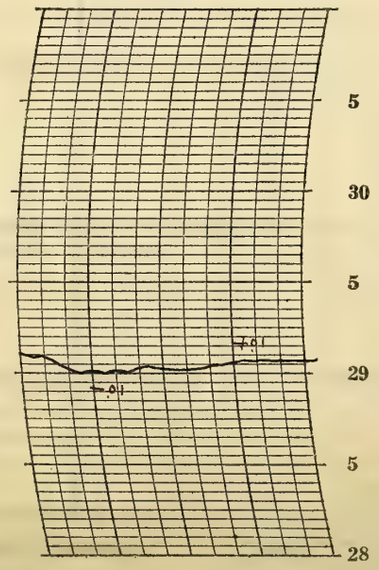
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

There was an unusually heavy deposit of frost in the early morning. The sky was cloudless all day and into the night. Moonlight.

The weather was warm and pleasant.

Light local smoke settled over the city in the evening.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 6 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	32	36	38	38	39	42	47	50	54	55	56	56	55	53	52	51	51	51	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							<		Clear							X			Pt. Cldy		X	Clear		>
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5								
Wind direction	E	E	E	E	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S
Wind movement	6	5	4	5	4	7	4	3	9	10	13	13	13	14	11	10	11	9	8	6	7	5	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:47 Character, Cloudy
Moonrise: 3:11 p. Clear

Sunset: Time, 5:04 Character, Cloudy
Moonset: 5:15 a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 6.7 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 65
Prevailing wind direction, S Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 10.32 a m.
Reduced barometer, 29.91 7 a. m. 29.85 7 p. m.
River gage, 2.9 feet
Relative humidity, 91 7 a. m. 72 7 p. m.

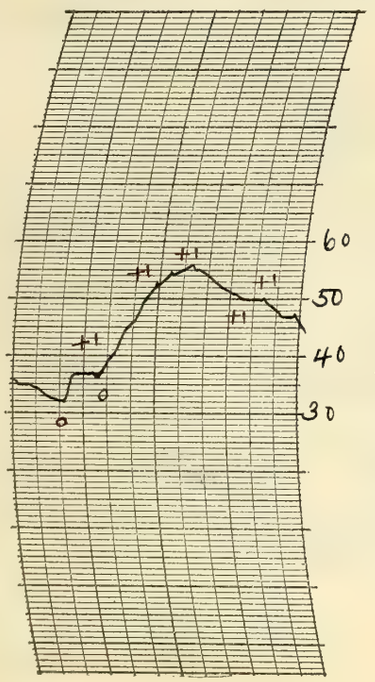
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

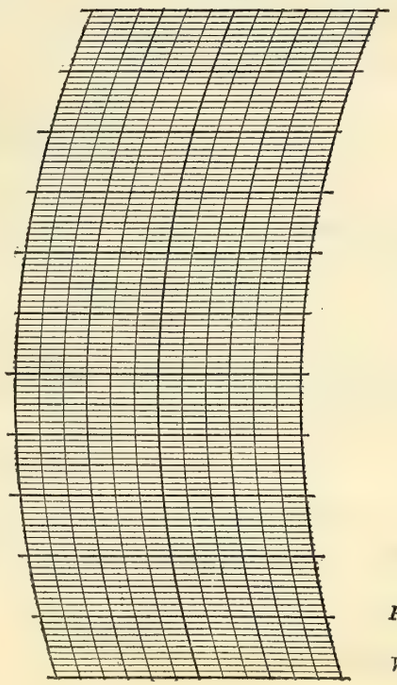
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 53.6 Wet temperature, 46.4
Dew-point, 39 R. humidity, 58 V. pressure, .237
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

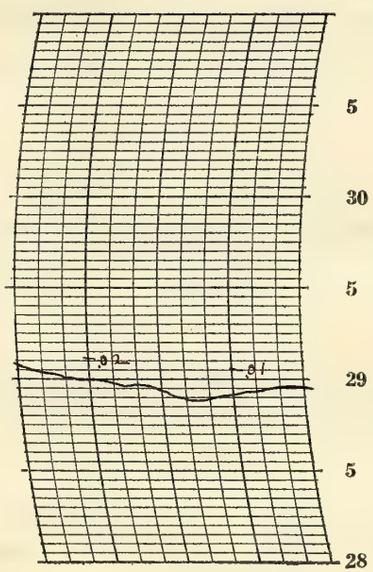
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by C. McDonough

8—486

NOTES

The sky was mostly clear except for a while in the late afternoon and early evening when it became partly overcast. It was clear late at night with moonlight.
Warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 7 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	46	46	46	47	47	49	52	54	56	59	60	62	59	59	57	56	55	54	53	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Pt cldy					Clear		Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	0.9	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	S	S	SE	S	S	S	S
Wind movement	9	9	8	9	10	10	9	9	9	8	13	12	16	12	11	8	6	9	9	10	10	10	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:45 Character, Cloudy
Moonrise: 4:06p Cloudy
Sunset: Time, 5:05 Character, Cloudy
Moonset: 5:58a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

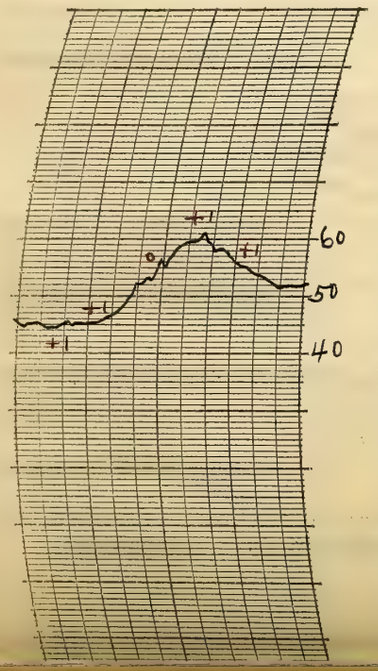
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.2 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 60
Prevailing wind direction, S Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 17 Direction, S
Time began, 12:55 p.m.
Reduced barometer, 29.94 7 a. m. 29.95 7 p. m.
River gage, 3.0 feet
Relative humidity, 72 7 a. m. 74 7 p. m.

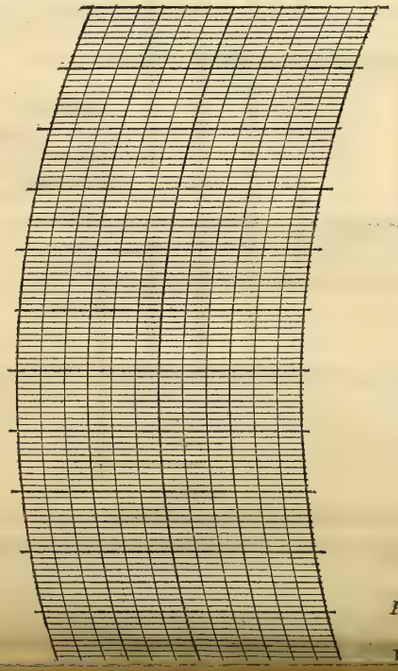
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 49.1
Dew-point, 43 R. humidity, 61 V. pressure, 277
Clouds: Amount, 4; Kind, Cist; Direction, W
Velocity of clouds (miles per hour)

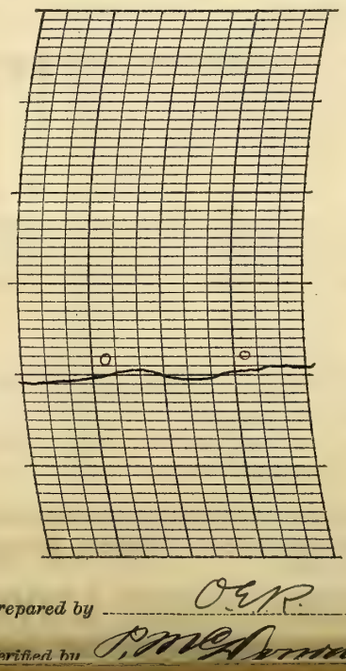
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P.M.C. Donnell

NOTES

A partly cloudy day. The temperature continued high for the season and the weather was warm and pleasant.

Lunar corona observed at 7:15 p.m. and at intervals afterwards as alto-stratus clouds passed over the moon. Moonlight at intervals.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 8 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	51	51	50	50	52	53	55	59	63
State of weather: Nature of precipitation and time of beginning and ending								RB 7:55	RE 8:10	RB 9:15	RE 10:10	
Amounts of precipitation								—	—	—	—	
Cloudiness and other conditions					←		Cloudy				×	
Sunrise: Time, Character,	6:44 Cloudy											
Moonrise:	5:04p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.7	1.0
Wind direction	S	S	S	S	S	S	SE	S	S	S	S	S
Wind movement	12	10	9	11	12	11	12	13	13	13	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	67	66	63	60	59	57	57	57	57
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt cloudy			×		Cloudy		→
Sunset: Time, Character,									5:07 Cloudy			
Moonset:									6:38a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.4	0						
Wind direction	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	18	19	20	12	9	9	9	11	8	11	13	12

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

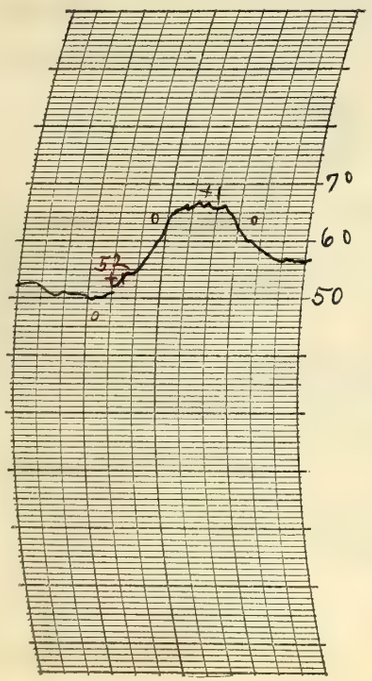
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	50	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase, 3:49 p.m. Full Moon
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.8 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind, 298
Average hourly velocity 12.4 Extreme velocity, 25
Maximum velocity, 24 Direction, S
Time began, 12:40 p.m.
Reduced barometer, 29.97 7 a. m. 29.92 7 p. m.
River gage, 3.3 feet
Relative humidity, 81 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 57.0
Dew-point, 53 R. humidity, 70 V. pressure, 402
Clouds: Amount, 3; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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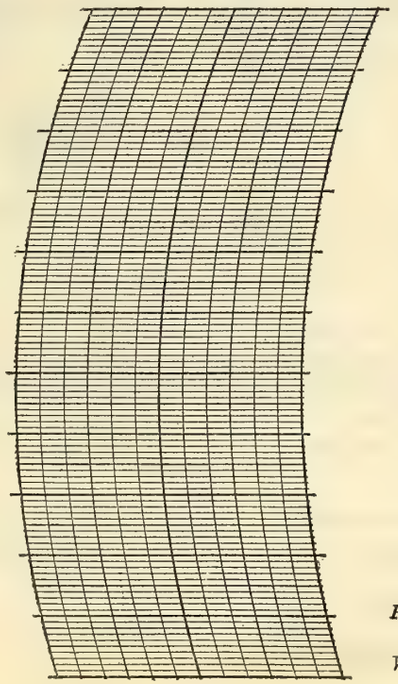
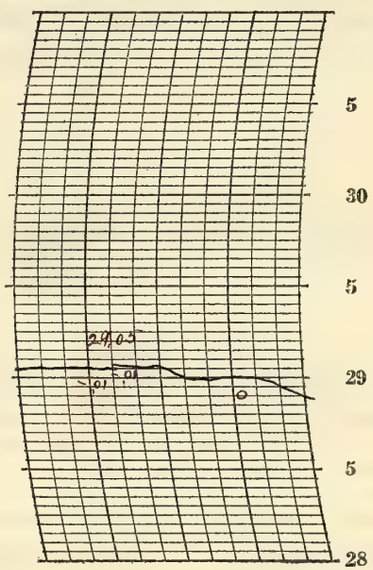


BAROGRAPH.



Prepared by O. E. R.

Verified by P. McDonough

8—486

NOTES

A partly cloudy day with light showers in the forenoon. The weather was unseasonably warm and the maximum temperature, 68°, is the highest on record for February. The snow disappeared during the day.

22° Solar halo observed 2:50 p.m.
22° Lunar halo observed 9:45 p.m.
Upper clouds prevailed into the night with pale moonlight at intervals.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	53	54	53	53	54	52	48	45
Nature of precipitation and time of beginning and ending					RB DN	---	RE 6:15		RB 8:40	RE 9:30		
Amounts of precipitation					—	—	—		—	—		
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	6:43 Cloudy											
Moonrise:	6:03p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.4	0
Wind direction	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW
Wind movement	16	16	16	17	14	12	14	14	15	23	24	25
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9:36		31 SW 11:30

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	40	38	38	37	37	37	36	36	36	35
Nature of precipitation and time of beginning and ending	RB 12:55	RE 1:15										
Amounts of precipitation	—	—										
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:08 Cloudy			
Moonset:									7:13a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	19	17	15	13	11	9	8	7	6	6	6

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	35	46	

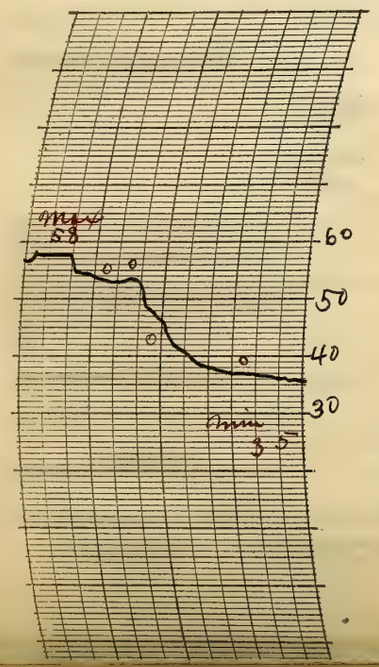
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind, 343
Average hourly velocity, 14.3 Extreme velocity, 34
Maximum velocity, 31 Direction, SW
Time began, 11:30 a.m.
Reduced barometer, 29.65 7 a. m. 30.02 7 p. m.
River gage, 3.5 feet
Relative humidity, 94 7 a. m. 85 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

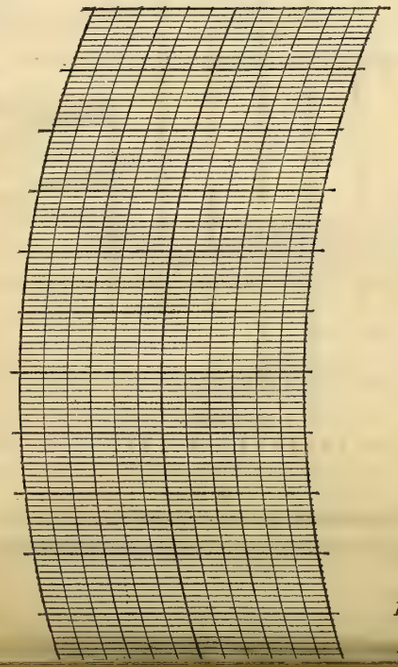
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.0 Wet temperature, 42.2
Dew-point, 39 R. humidity, 80 V. pressure, .237
Clouds: Amount, 10; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

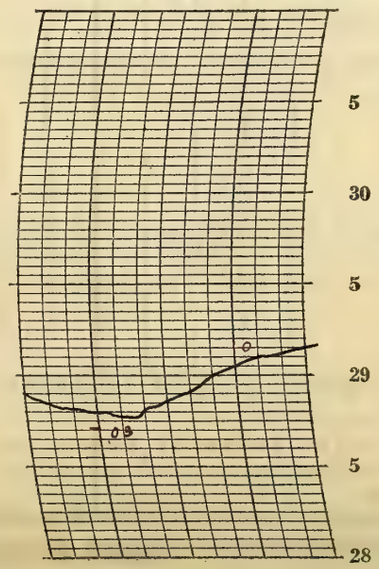
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was overcast all day and into the night. The temperature fell somewhat during the day but it was still above the seasonal average. Strong winds from south and southwest.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 10 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	32	33	34	34	35	36	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	SW	W	W	NW	NE	NE	E	E	NE	NE	NE	NE
Wind movement	6	5	5	3	6	6	4	3	4	4	6	7

Sunrise: Time, 6:42 Character, Cloudy
Moonrise: 7:04p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	41	40	39	38	37	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.2	0	0.2	0.7	0	0						
Wind direction	NE	NE	N	N	N	N	N	N	N	N	N	NW
Wind movement	6	7	8	12	9	10	11	11	11	9	10	11

Sunset: Time, 5:09 Character, Cloudy
Moonset: 7:46a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

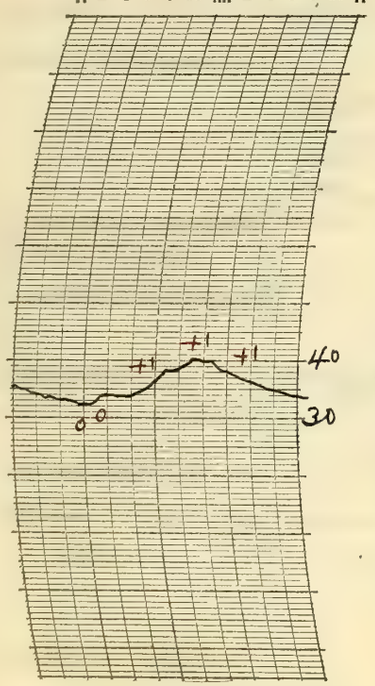
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 13
Prevailing wind direction, N Total wind, 174
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 14 Direction, N
Time began, 3:28 pm
Reduced barometer, 30.12 7 a. m. 29.99 7 p. m.
River gage, 3.5 feet
Relative humidity, 76 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.8 Wet temperature, 35.8
Dew-point, 33 R. humidity, 83 V. pressure, 187
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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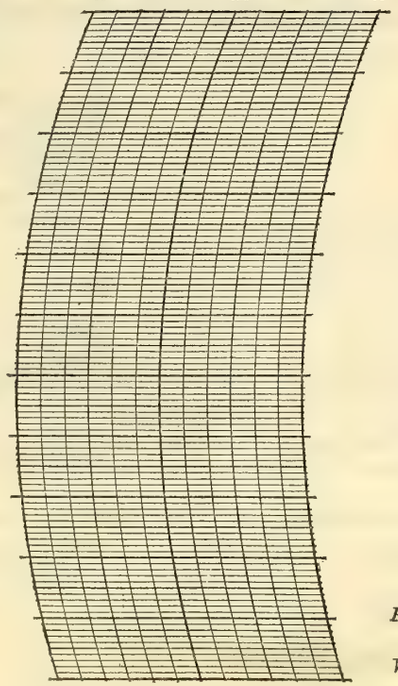
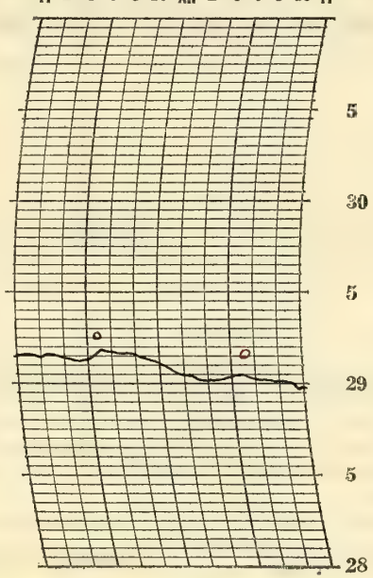


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

8—486

NOTES

The sky was over cast nearly all day. At intervals near noon and in the afternoon the clouds broke away for a short while and sunshine was recorded.
Temperatures somewhat above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 11 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	29	27	24	23	21	21	22	23	23	23	24	24	23	22	22	22	21	21	21	21
State of weather: Nature of precipitation and time of beginning and ending				SWB ON											SWE 2:30	SDB 3:40					SGE DN			
Amounts of precipitation				–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Cloudiness and other conditions																								

Cloudy

Sunrise: Time, 6:41 Character, Cloudy

Moonrise: 8:06 p Cloudy

Sunset: Time, 5:10 Character, Cloudy

Moonset: 8:16a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0.2	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW
Wind movement	11	14	14	16	20	20	21	21	21	20	19	19	21	19	19	21	19	18	15	17	15	13	10	11
Maximum velocities (exceeding 2.0 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

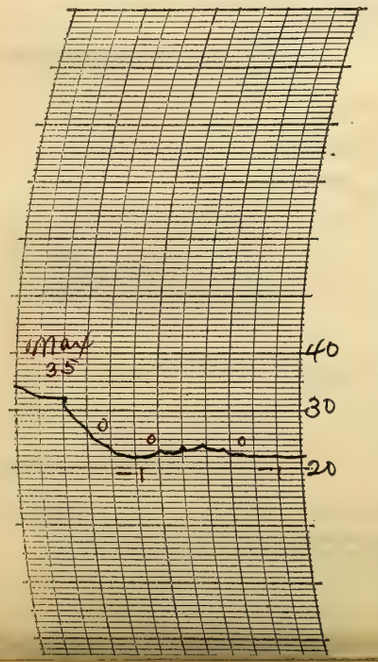
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	21	28	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m. .02 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 2
Prevailing wind direction, NW Total wind, 414
Average hourly velocity, 17.2 Extreme velocity, 28
Maximum velocity, 26 Direction, NW
Time began, 6:10 am
Reduced barometer, 29.92 7 a. m. 30.047 7 p. m.
River gage, 4.2 feet
Relative humidity, 74 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.1 Wet temperature, 20.8
Dew-point, 15 R. humidity, 69 V. pressure, 081
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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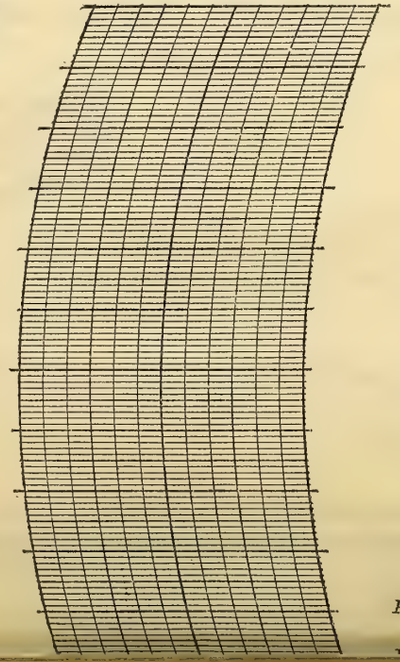
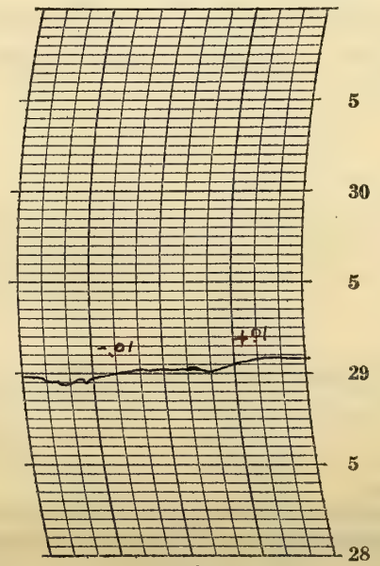


BAROGRAPH.



Prepared by O.E.P.
P. McDonough

NOTES

Snowfall to 7 am. 0.2 inches
Light snow fell the greater part of the time from early morning until into the night.
The temperature was below the seasonal average and moderate northwest winds made the weather uncomfortable.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 12 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	22	23	23	23	23	25	27	27	29	31	33	33	34	34	33	32	31	30	30	29	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy × Pt cldy × Clear × Pt cldy × Cloudy →																	
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S	S	S	S	S	S	SW
Wind movement	8	8	10	9	9	10	8	7	11	12	13	11	12	12	11	11	11	9	12	12	12	15	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:39 Character, Cloudy
Moonrise: 9:09p Cloudy
Sunset: Time, 5:12 Character, Cloudy
Moonset: 8:46a Cloudy

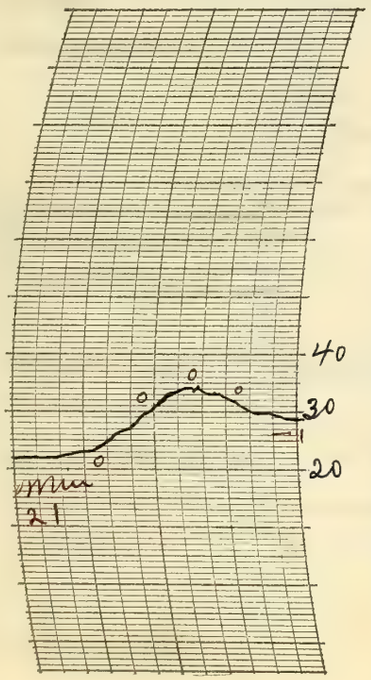
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	21	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 9:22 p.m.
Reduced barometer, 30.06 7 a. m. 29.92 7 p. m.
River gage, 4.3 feet
Relative humidity, 87 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 30.8 Wet temperature, 27.0
Dew-point, 20 R. humidity, 60 V. pressure, 103
Clouds: Amount, 3; Kind, acu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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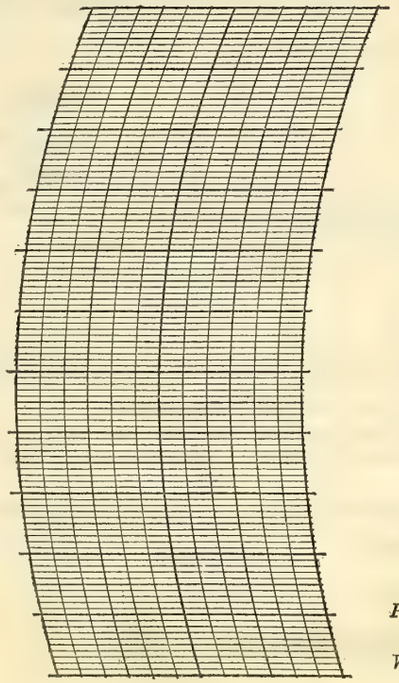
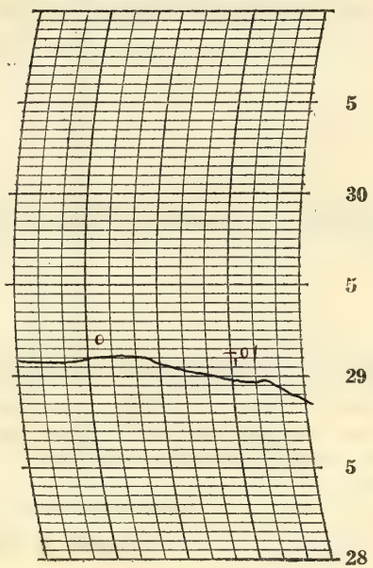


BAROGRAPH.



Prepared by D.E.P.
Verified by P. McDonough

8—486

NOTES

The amount of cloudiness decreased during the forenoon and increased during the afternoon. Cloudy into the night.

Temperatures near the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 13 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	30	30	31	31	31	31	30	32	32	33	33	32	31	31	29	28	28	27	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Cloudy			X		Pt cloudy				X		Clear			→		
Sunrise: Time, Character	6:38 Cloudy																							
Moonrise	10:14p Clear																							
Sunset: Time, Character																					5:13 Cloudy			
Moonset																					9:16a Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	0.8	1.0	0.8	0.8	0.4	0.5	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	W	NW	W	W	W	W	W	W	SW	S
Wind movement	12	13	10	10	10	9	9	12	16	18	18	17	18	15	14	11	10	7	5	5	6	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

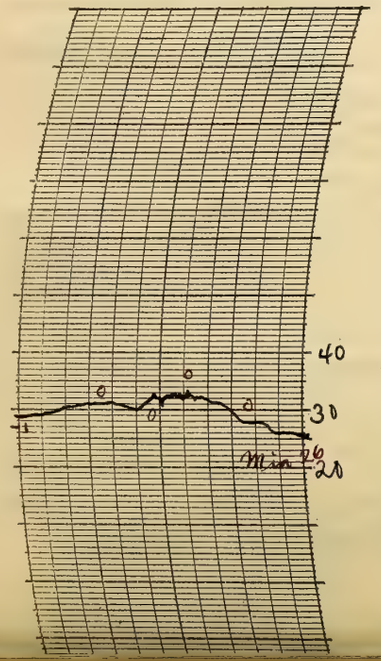
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 53
Prevailing wind direction, W Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 12:23 p.m.
Reduced barometer, 29.72 7 a. m. 29.97 7 p. m.
River gage, 4.3 feet
Relative humidity, 72 7 a. m. 64 7 p. m.

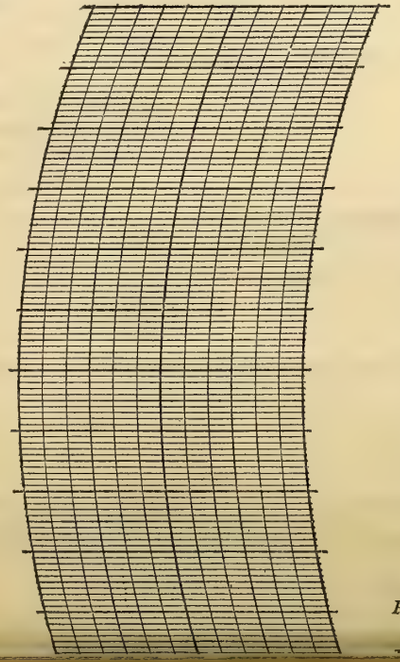
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.9 Wet temperature, 26.4
Dew-point, 15 R. humidity, 45 V. pressure, 081
Clouds: Amount, 6; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

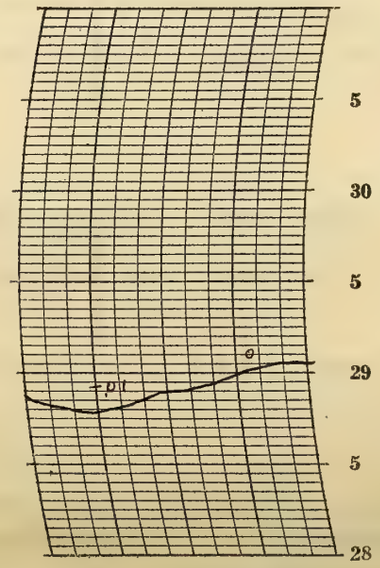
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
P. McDonough

NOTES

The sky was cloudy in the morning and partly cloudy from about 10 am until evening when it became clear. Clear into the night. Stars bright and moonlight late at night.

Temperatures about normal. Moderate west wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 14 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	24	23	22	22	23	29	32	33	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)							38 0	1.0 0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	4	5	4	4	7	9	8	8	9	10	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	41	40	40	38	36	36	35	34	32	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	8	8	8	7	6	5	5	6	7	5	5

State of weather.

Sunrise: Time, 6:37 Character, Clear
Moonrise: 11:20p Clear

Sunset: Time, 5:14 Character, Cloudy
Moonset: 9:48a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

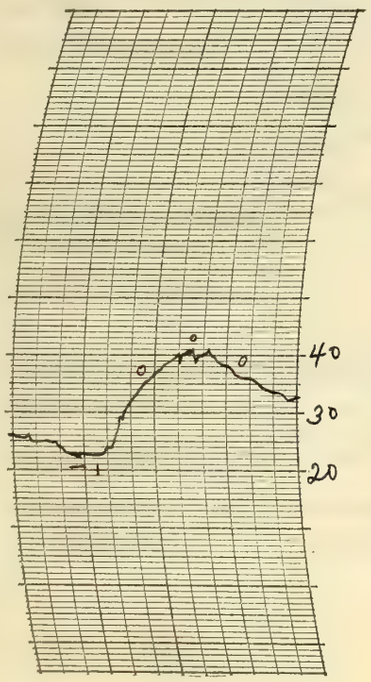
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	22	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 94
Prevailing wind direction, SW Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 11:50 am.
Reduced barometer, 30.01 7 a. m. 29.93 7 p. m.
River gage, 4.3 feet
Relative humidity, 79 7 a. m. 46 7 p. m.

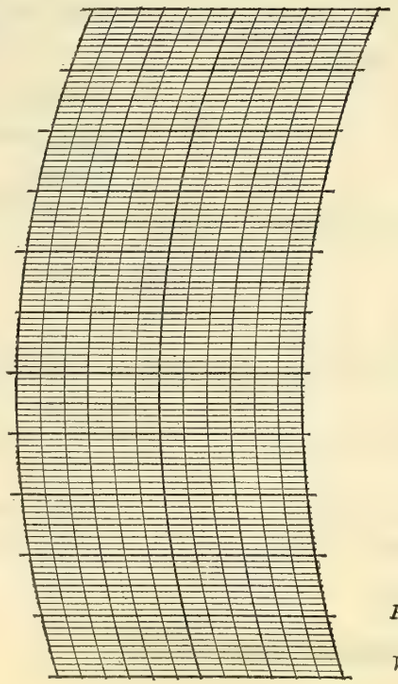
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 29.2
Dew-point, 16 R. humidity, 41 V. pressure, 0.85
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

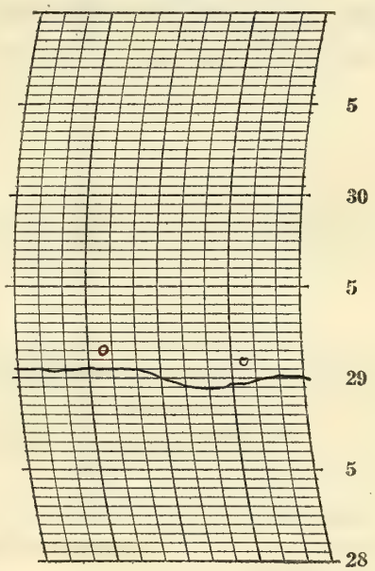
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

8—486

NOTES

Moonlight in early morning. The day was cloudless except for a small amount of clouds in the evening about sunset. Stars bright. Temperatures slightly above normal. The snow on the ground disappeared during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 15 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	30	30	30	29	29	34	37	39	39	39	39	39	40	39	38	37	36	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Clear				×	Pt Cldy	×		Clear						→			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0	0.6	0	0.6	1.0	.06 0.4	.25 0						
Wind direction	W	NW	W	SW	SW	W	W	W	W	NW	W	W	W	W	W	W	SW	SW	SW	S	S	S	S	S
Wind movement	5	6	5	4	5	5	6	5	7	5	5	8	10	12	10	10	8	5	5	5	6	6	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:35 Character, Cloudy
Moonrise: — —

Sunset: Time, 5:15 Character, Clear
Moonset: 10:22 a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

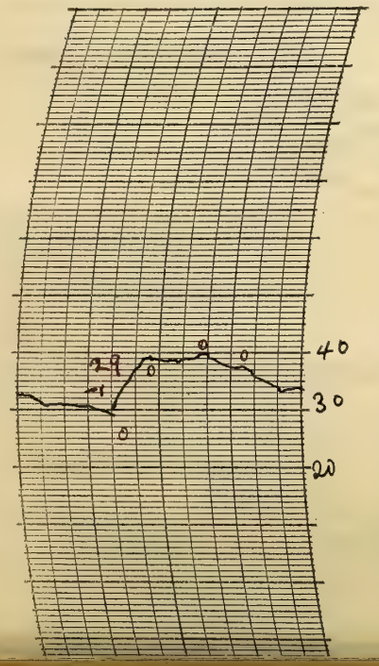
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.8 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 1:35 p.m
Reduced barometer, 30.0 07 a. m. 30.15 7 p. m.
River gage, 4.5 feet
Relative humidity, 72 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.0 Wet temperature, 34.7
Dew-point, 28 R. humidity, 66 V. pressure, 150
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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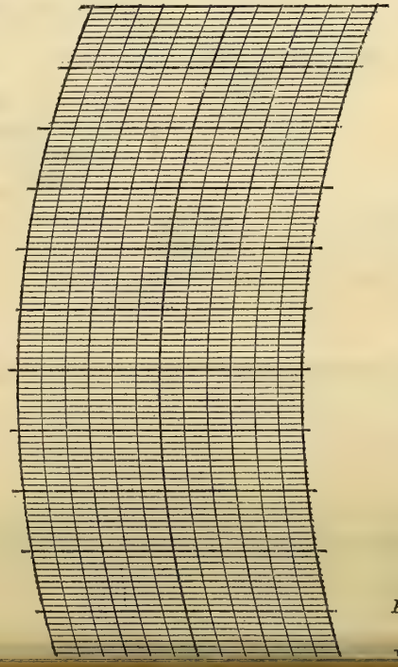
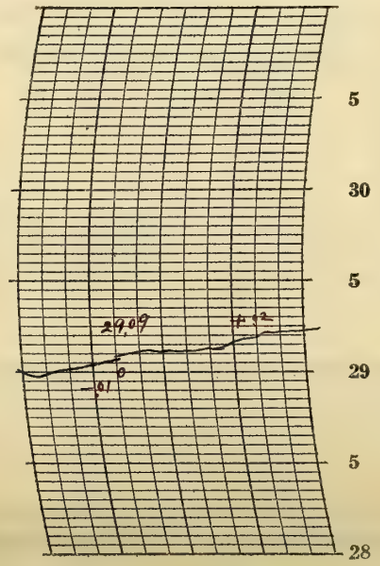


BAROGRAPH.



Prepared by J. E. P.
Verified by P. McDonough

NOTES

Moonlight in early morning. The sky was mostly clear except during the middle of the day when lower clouds prevailed. Clear at night. Stars bright.

The temperature was above the normal somewhat in the morning but did not rise very high during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	31	32	33	33	36	40	43	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	3	5	7	7	7	7	8	8	8	11	13	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	48	46	40	36	33	31	30	28	26	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.8	1.0	0.4	0	0						
Wind direction	S	S	S	S	S	N	N	N	N	NW	NW	NW
Wind movement	11	11	8	7	7	11	13	13	11	12	11	10

State of weather.

Cloudiness and other conditions: ← Pt Cloudy → ← Cloudy →

Sunrise: Time, 6:34 Character, Cloudy

Moonrise: 12:28 a Clear

Sunset: Time, 5:16 Character, Cloudy

Moonset: 11:02 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	26	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 6 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, Last Quarter 3:41 am

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 6.9 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 64

Prevailing wind direction, S Total wind, 219

Average hourly velocity, 9.1 Extreme velocity, 17

Maximum velocity, 16 Direction, S

Time began, 10:10 am

Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.

River gage, 4.5 feet

Relative humidity, 75 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

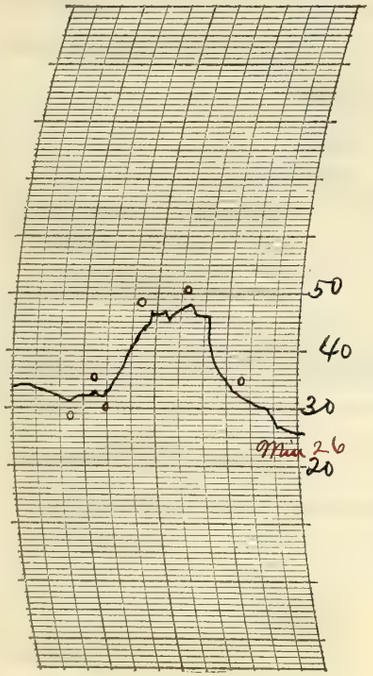
Dry temperature, 47.2 Wet temperature, 39.7

Dew-point, 30 R. humidity, 50 V. pressure, 164

Clouds: Amount, 6; Kind, a St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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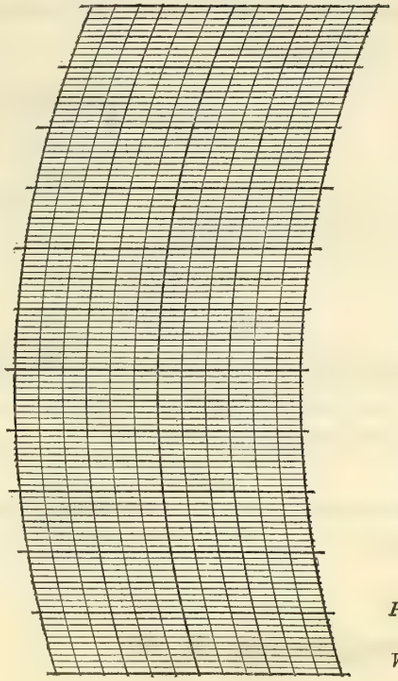
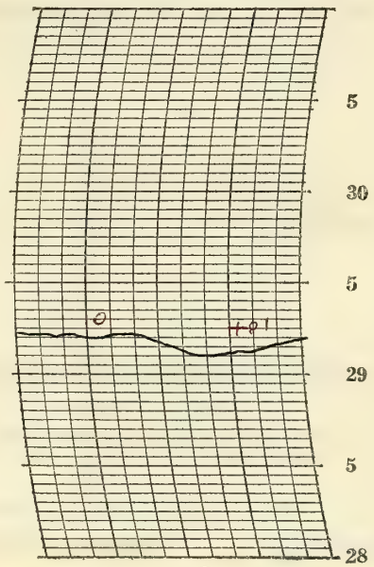


BAROGRAPH.



Prepared by E. K. P.

Verified by P. McDonough

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NOTES

The sky was partly overcast until the middle of the afternoon when it became cloudy and continued so into the night.

The temperatures were above the normal but after 4:30 p.m. the thermometer fell quite rapidly.

A Solar halo, 22° radius, was observed at 11:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	21	20	18	17	18	20	23	24	25	28	30	30	30	30	28	26	25	24	23	22	21
State of weather: Nature of precipitation and time of beginning and ending	SqB DN		SqE DN																					
Amounts of precipitation	—	—	—																					
Cloudiness and other conditions						←		Clear					×		Pt cloudy			×		Clear				→
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.1	.30 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	9	10	8	9	7	6	6	7	8	8	9	11	12	11	10	9	9	7	6	5	6	6

Sunrise: Time, 6:33 Character, Cloudy
Moonrise: 1:35a Cloudy?
Sunset: Time, 5:18 Character, Clear
Moonset: 11:46a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

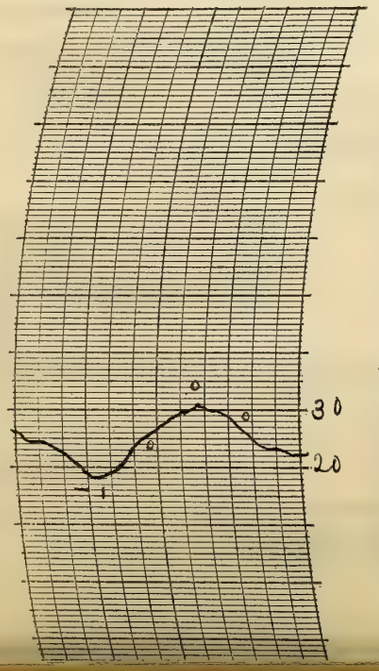
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	17	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 89.
Prevailing wind direction, W Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 2:28 p.m
Reduced barometer 30.26 7 a. m. 30.32 7 p. m.
River gage, 4.4 feet
Relative humidity, 80 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.4 Wet temperature, 21.9
Dew-point, 13 R. humidity, 57 V. pressure, .074
Clouds: Amount, Few; Kind, Strat; Direction, N.W.
Velocity of clouds (miles per hour)

THERMOGRAPH



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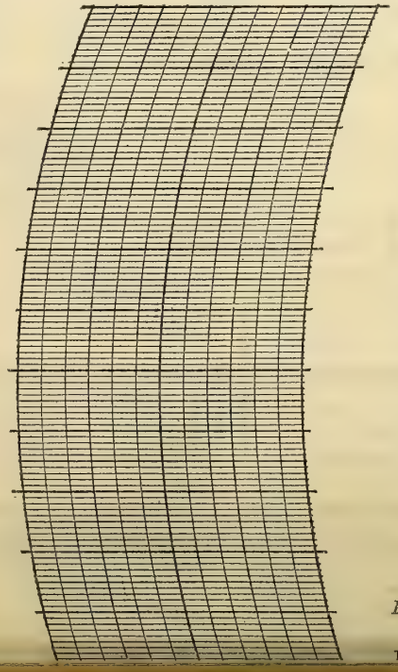
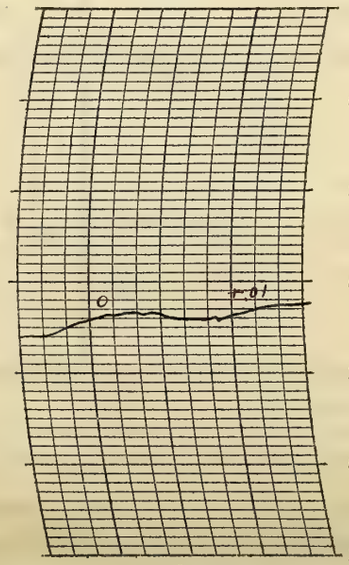


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES

Snowfall to 7 a.m. Trace
The sky was clear during the morning, partly cloudy during the afternoon and clear again at night. Stars bright.
Temperature about seasonal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 18 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	20	21	21	21	21	24	28	31	34	35	38	40	42	43	42	40	40	40	40	40	41	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear					X Pt cldy	X	Clear	X	Pt cldy	X	Cldy	X		
Sunshine (in tenths of hours)							.48 0	0.7 0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	4	6	5	4	3	5	5	6	8	11	12	13	12	14	15	14	13	13	18	20	20	20	18

Sunrise: Time, 6:31 Character, Clear
Moonrise: 2:41a Clear
Sunset: Time, 5:19 Character, Cloudy
Moonset: 12:39p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

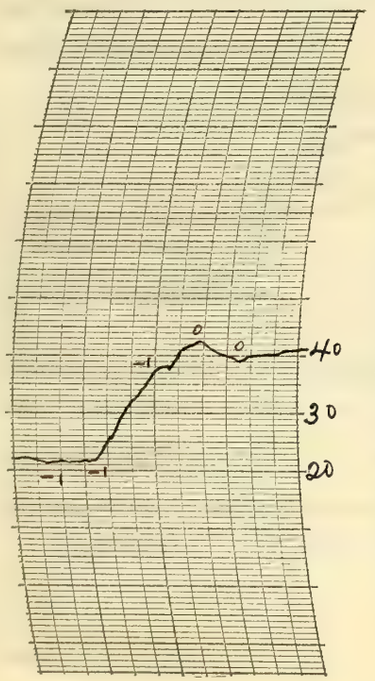
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	20	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.3 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind, 264
Average hourly velocity, 11.0 Extreme velocity, 25
Maximum velocity, 24 Direction, S
Time began, 10:13 p.m.
Reduced barometer, 30.38 7 a. m. 30.08 7 p. m.
River gage, 4.4 feet
Relative humidity, 71 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.4 Wet temperature, 29.9
Dew-point, 20 R. humidity, 51 V. pressure, 1.03
Clouds: Amount, 3 Few; Kind, a St Cu St; Direction, W SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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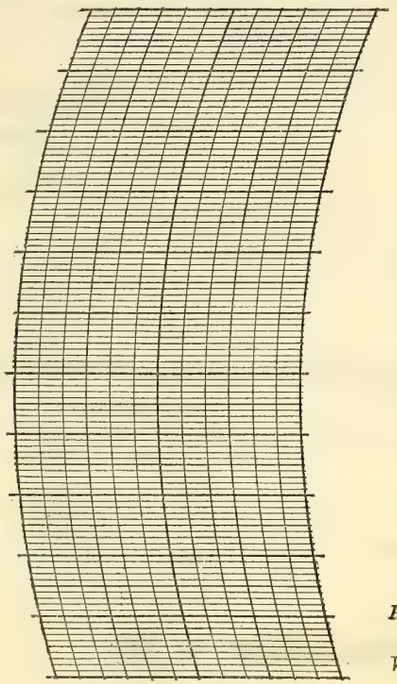
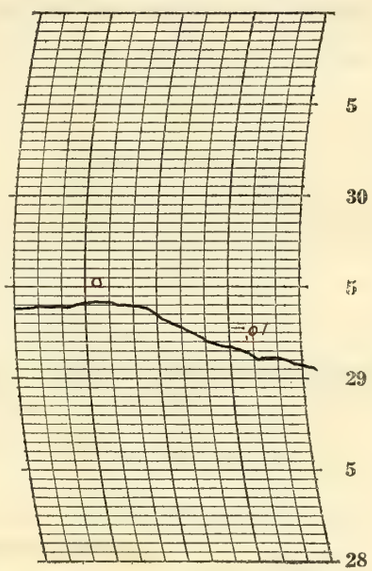


BAROGRAPH.



Prepared by D.E.R.

Verified by P. McDonough

8—436

NOTES

Upper clouds prevailed in varying amounts during the day. A few of the brighter stars were visible for a while in the evening but the sky became entirely overcast later at night.

The temperature increased from early morning till late afternoon and did not fall so much at night. Increasing southerly winds.

Solar halo, 22° radius, with parhelia at left and right, was observed 11:30 am to 12 noon. The halo was visible at intervals until 3:15 p. m. Halo and parhelia slightly colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 19 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	39	38	35	32	29	29	28	28	30	31	31	33	34	35	34	33	32	31	32	31	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.4	1.0	1.0	0.4	0						
Wind direction	S	S	SW	SW	SW	W	W	NW	W	NW	W	W	W	W	W	W	W	SW	SW	SW	SW	S	S	S
Wind movement	17	20	17	10	12	14	17	14	12	9	8	9	10	8	5	6	5	6	8	7	7	6	7	4

Sunrise: Time, 6:30; Character, Cloudy. Moonrise: 3:44a; Cloudy.

Sunset: Time, 5:20; Character, Cloudy. Moonset: 1:38p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	28	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.8; Possible sunshine, hours, 10.8

Per cent of possible sunshine, 26

Prevailing wind direction, W; Total wind, 238

Average hourly velocity, 9.9; Extreme velocity, 26

Maximum velocity, 24; Direction, SW

Time began, 1:58 am.

Reduced barometer, 30.09 7 a. m. 30.22 7 p. m.

River gage, 4.5 feet

Relative humidity, 78 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

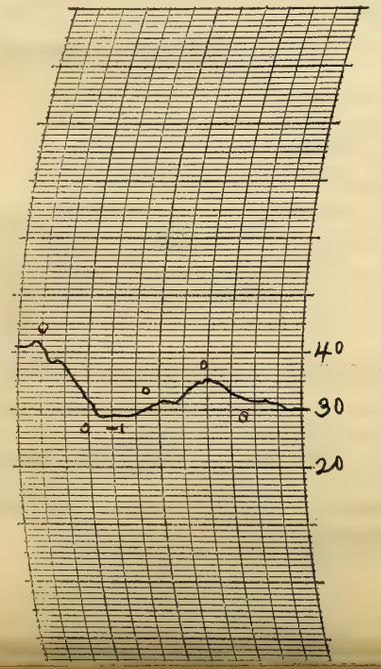
Dry temperature, 31.1; Wet temperature, 28.0

Dew-point, 23; R. humidity, 68; V. pressure, .118

Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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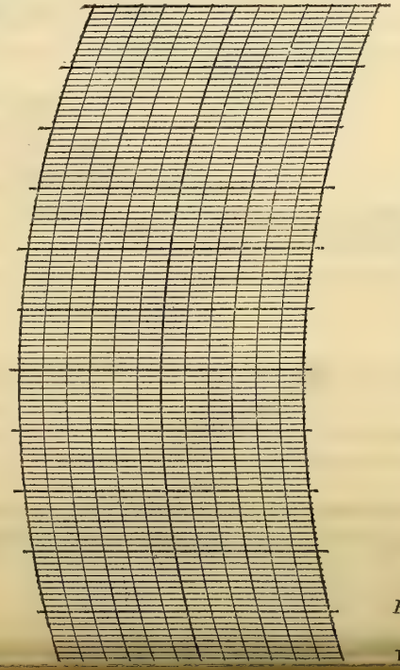
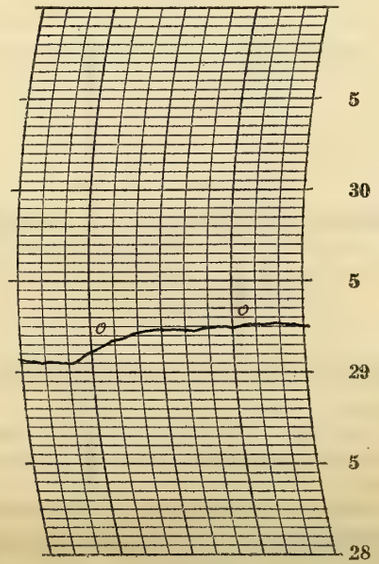


BAROGRAPH.



Prepared by O.E.P.

Verified by P. W. Donnesh

NOTES

The sky was over cast with lower clouds except for a while in the afternoon when upper clouds prevailed. Cloudy into the night.

The highest temperature of 24 hours occurred during the night am. The temperature fell somewhat just before dawn and did not vary so much the rest of the day.

Solar halo, 22° radius, observed at 2:25 p.m. and again at 3:43 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 20 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	27	25	26	27	30	33	36	41	43	48	51	53	52	50	48	47	48	47	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								RB DN
Amounts of precipitation																								—
Cloudiness and other conditions						← Cloudy						Lt Smoke Pt Cldy							← cldy		← clear			→ ?

Sunrise: Time, 6:29 Character, Cloudy

Moonrise: 4:42a Cloudy ?

Sunset: Time, 5:21 Character, Cloudy

Moonset: 2:44p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SE	E	SE	S	SE	SE	E	E	SE	SE	SE	SE	SE	S	SE	S	SE	SE	E	SE	SE	SE	SE	S
Wind movement	4	4	3	5	2	1	3	4	7	6	5	5	8	10	9	9	5	4	4	8	9	8	9	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	25	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.7 Possible sunshine, hours, 10.9

Per cent of possible sunshine, 71

Prevailing wind direction, SE Total wind, 141

Average hourly velocity, 5.9 Extreme velocity, 12

Maximum velocity, 12 Direction, SE

Time began, 12:58 p.m.

Reduced barometer, 30.20 7 a. m. 30.02 7 p. m.

River gage, 4.5 feet

Relative humidity, 83 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

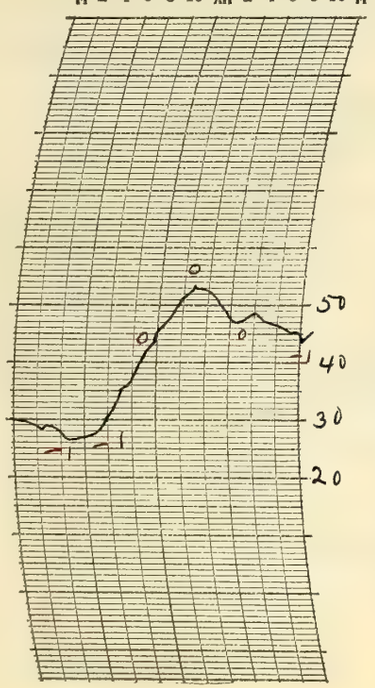
Dry temperature, 43.0 Wet temperature, 37.0

Dew-point, 29 R. humidity, 56 V. pressure, .157

Clouds: Amount, 4 a 5/4; Kind, Lt Smoke; Direction, SW SE

Velocity of clouds (miles per hour)

THERMOGRAPH



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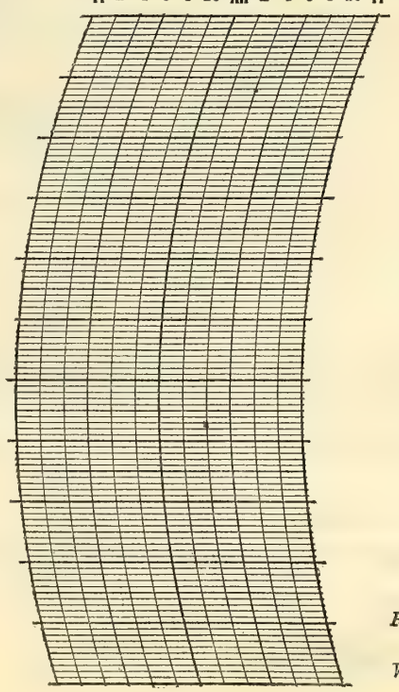
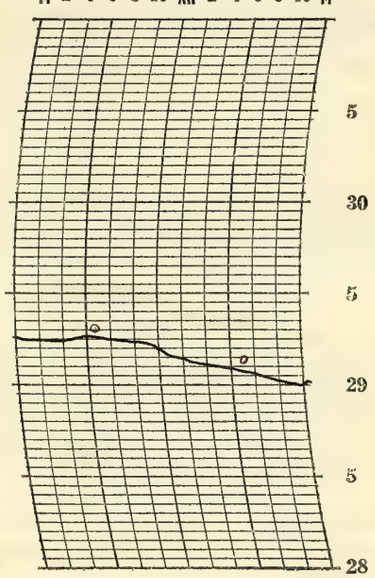


BAROGRAPH.



Prepared by O.E.R.

Verified by C. McDonough

8—36

NOTES * Estimated

Altho the sky was overcast at sunrise it had evidently been nearly clear previously on account of the moderate deposit of frost. Light, local smoke persisted all day, due to light winds. Upper clouds prevailed after the early morning. Clear at night between 9 p.m. and 10 p.m. Rain began about midnight p.m. Temperature above normal.

Solar halo, 22° radius, observed at 3:45 p.m.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 21 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	47	48	48	49	50	51	51	50	50	50	50	51	52	51	50	50	50	50	51	50	48	48
State of weather: Nature of precipitation and time of beginning and ending	R cont'd																			FE 735			RB 1015	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—
Cloudiness and other conditions						←					Cloudy									L--	L7	F09		→

Sunrise: Time, 6:27 Character, Cloudy
Moonrise: 5:33a Cloudy
Sunset: Time, 5:22 Character, Cloudy
Moonset: 3:54p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	S	S	SE	S	S	S	S	S	S	S	S	S	S	S	SW	S	SW	SW	S	S	S	S	E	E
Wind movement	9	9	7	12	9	11	14	17	20	20	16	15	13	13	11	7	8	8	6	6	3	1	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

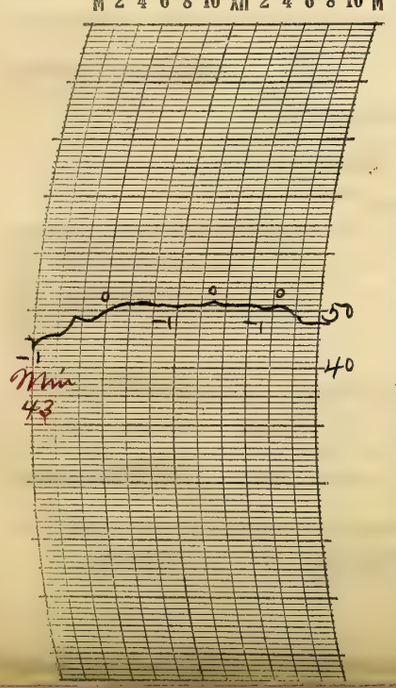
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	43	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .90 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, 1.10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.0 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 242
Average hourly velocity, 10.1 Extreme velocity, 25
Maximum velocity, 22 Direction, S
Time began, 8.57 am
Reduced barometer, 29.80 7 a. m. 29.94 7 p. m.
River gage, 5.1 feet
Relative humidity, 96 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 50.0
Dew-point, 50 R. humidity, 100 V. pressure, 3.60
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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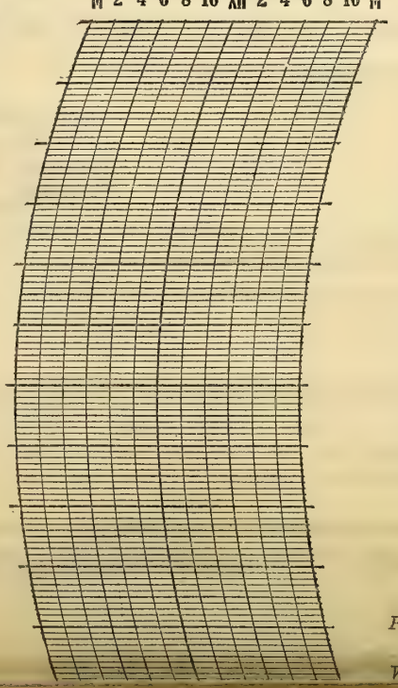
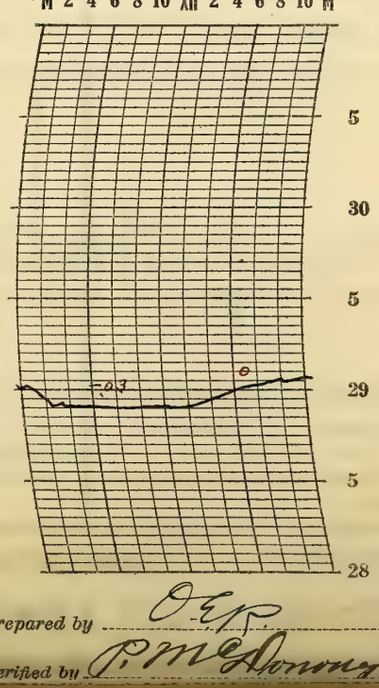


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES * Estimated

Rain that began on the previous date fell quite heavily between midnight and 4 a.m. Rain continued throughout the day, except during a short interval at night. Although the temperature was high for the season and varied very little during the 24 hours, the weather was rather unpleasant. A light fog which set in at 735 pm continued into the 22d.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 22 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	43	41	38	37	37	36	37	39	40	43	45	46	48	49	50	50	51	51	54	55	54
Nature of precipitation and time of beginning and ending	R continued							RE 7.50						RG 1.18				RE 5.50						
Amounts of precipitation																								
Cloudiness and other conditions							L. fog Cloudy								L. fog			Dense fog Cloudy						

Sunrise: Time, 6:26; Character, Cloudy

Moonrise: 6:17a Cloudy

Sunset: Time, 5:24; Character, Cloudy

Moonset: 5:06p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	NE	NE	NE	NE	NE	E	NE	E	E	NE	E	E	E	NE	E	E	E	E	E	E	SE	SE	SE
Wind movement	5	7	8	8	10	12	13	12	9	7	8	8	9	7	6	5	7	7	7	4	3	5	8	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase, New Moon 8:12 p.m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 183

Average hourly velocity, 7.6 Extreme velocity, 15

Maximum velocity, 4 Direction, E

Time began, 7:49 a.m.

Reduced barometer, 30.01 7 a. m. 29.71 7 p. m.

River gage, 7.8 feet

Relative humidity, 100 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

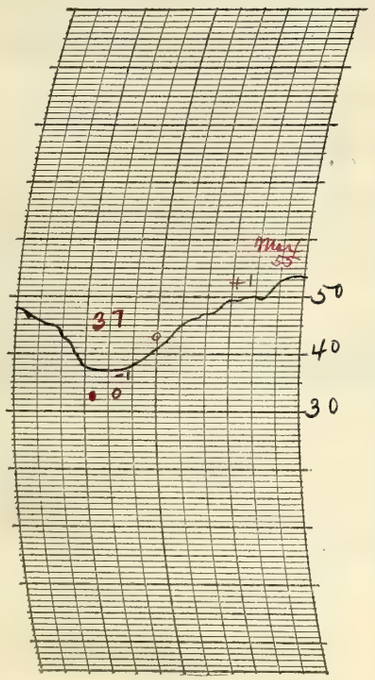
Dry temperature, 39.5 Wet temperature, 39.0

Dew-point, 38 R. humidity, 96 V. pressure, .228

Clouds: Amount, 10 (8); Kind, St. fog; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH



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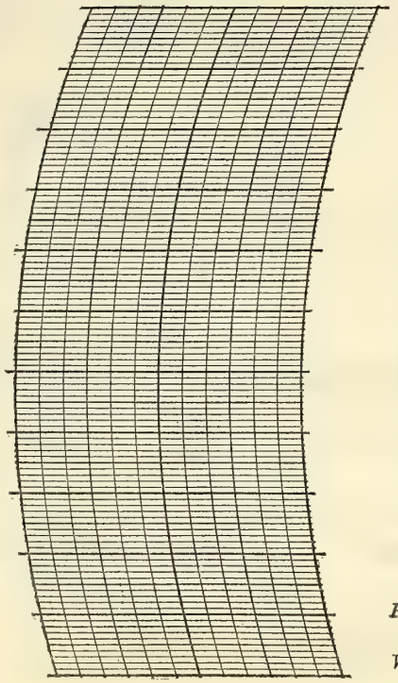
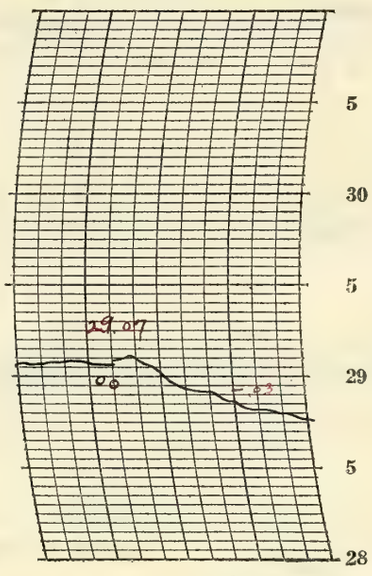


BAROGRAPH.



Prepared by O.E.P.

Verified by M. McDonough

8—486

NOTES

The rain which began last night continued until 7.50 a.m. Rain also occurred in the afternoon.

Cloudy throughout the day.

The light fog continued from the 21st ended or became dense at 5 p.m.; the dense fog ended at 7.50 p.m. During the dense fog buildings were visible at a distance of about 1000 feet. The fog appeared to be thicker overhead.

Moderately high temperatures prevailed, but notwithstanding the weather was quite unpleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	53	51	52	52	52	52	54	55
Nature of precipitation and time of beginning and ending		RB 1 N.	--	--	--	--	--	RE 730				RB 11:55
Amounts of precipitation		--	--	--	--	--	--	---				—
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)							0	0.1	0.1	0	0.3	0.5
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	9	10	7	9	16	11	9	7	7	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	43	39	38	38	38	38	38	37	37	36	36
Nature of precipitation and time of beginning and ending	--	RE 145		RB 3:24	--	--	RE 6:15					
Amounts of precipitation	—	—		—	—	—	—					
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	0.6	0	0	0	0	0						
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	14	13	12	10	10	8	8	9	8	7

Sunrise: Time, 6:24 Character, Cloudy
Moonrise: 6:56 a Cloudy
Sunset: Time, 5:25 Character, Cloudy
Moonset: 6:16 p Cloudy

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

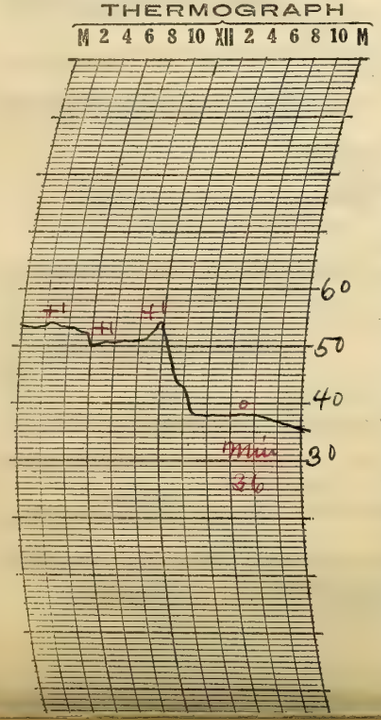
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .46 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .60 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.6 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 15
Prevailing wind direction, NW Total wind, 228
Average hourly velocity, 9.5 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 5:43 am
Reduced barometer, 29.57 7 a. m. 29.82 7 p. m.
River gage, 11.5 feet
Relative humidity, 91 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 52.2
Dew-point, 50 R. humidity, 83 V. pressure, .360
Clouds: Amount, 10; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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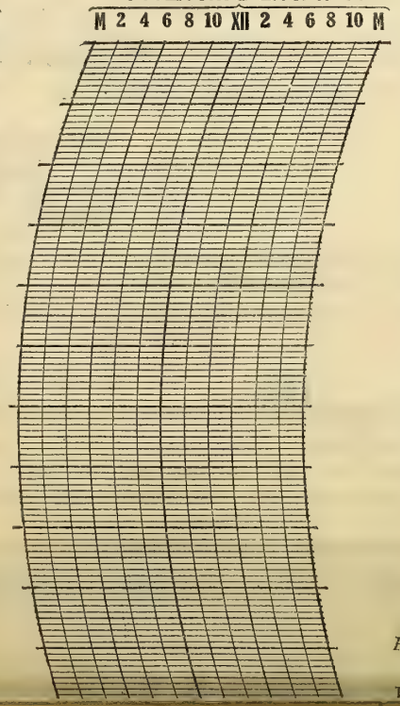
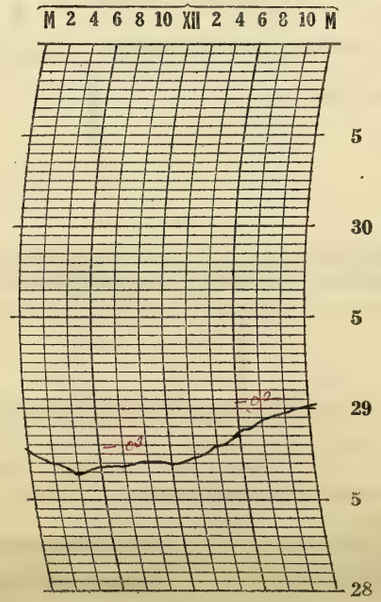


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

The sky was mostly overcast the whole day with a moderate rain during the night a. m. and showers during the middle of the day and later in the afternoon. The temperature was somewhat above the normal. During the first 12 hours it did not vary much but after noon it fell slowly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 24 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	35	34	35	36	36	37	38	39
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05 RE 6:35					
Amounts of precipitation							T					
Cloudiness and other conditions							Dense Fog				Cloudy	

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	41	42	42	42	42	42	42	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Lt Fog											

Sunrise: Time, 6:23 Character, Cloudy
Moonrise: 7:31 a Cloudy

Sunset: Time, 5:26 Character, Cloudy
Moonset: 7:25 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	N	NW	NW	N	N	S	S	S	S	S
Wind movement	9	7	4	5	5	3	2	3	4	5	9	9

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	11	10	10	10	11	12	14	15	16	15	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

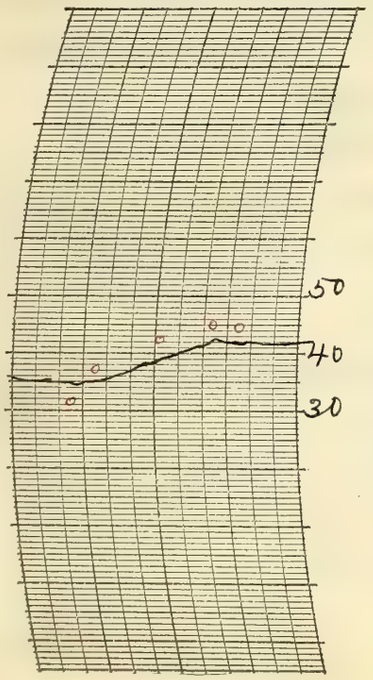
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 21 Direction, S
Time began, 10:58 p.m.
Reduced barometer, 30.00 7 a. m. 29.85 7 p. m.
River gage, 11.8 feet 7 a.m.
Relative humidity, 100 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.8 Wet temperature, 37.6
Dew-point, 36 R. humidity, 90 V. pressure, .211
Clouds: Amount, 10/3; Kind, St Fog; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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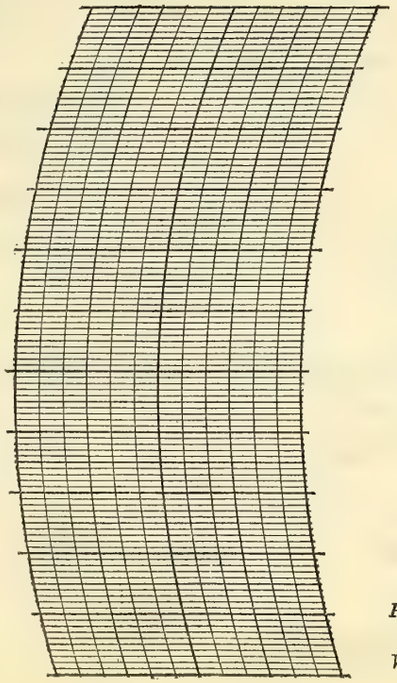

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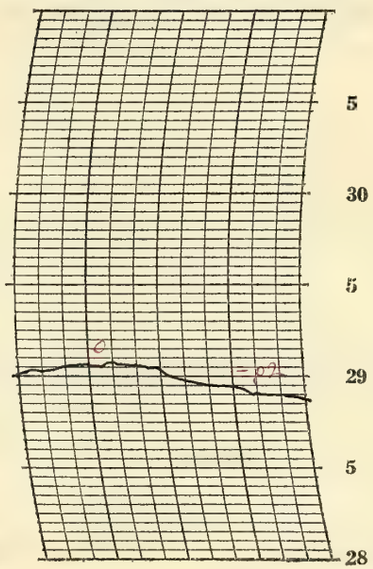


Prepared by O.E.K.
Verified by P. McDonough

8—486

NOTES

The day was damp and cloudy with a light shower in the early morning. Dense fog began at 6:30 am and became light fog at 9:00 am. The light fog continued into the following day.

The temperature was somewhat above the normal and did not vary a great deal.

The stage of the river at 4:00 p.m. was 14.2 feet

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 25 1925, 192

Time (local standard) 96th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	41	41	42	42	43	44	44	45
State of weather: Nature of precipitation and time of beginning and ending								RB 7:30	- - - - -		RE 10:50	
Amounts of precipitation								—	—	—	—	
Cloudiness and other conditions									Lt Fog		Cloudy	
Sunrise: Time, Character, Moonrise:	Sunrise: 6:21 Cloudy; Moonrise: 8:03a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	14	13	14	14	14	16	15	14	14	14	14	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	42	41	39	37	36	32	30	30	28	25
State of weather: Nature of precipitation and time of beginning and ending					RB 4:15	- -	- -	- -	- -	- -	RE DNP	
Amounts of precipitation					—	—	—	—	—	—	—	
Cloudiness and other conditions					Lt Fog							
Sunset: Time, Character, Moonset:	Sunset: 5:27 Cloudy; Moonset: 8:31p Cloudy											
Sunshine (in tenths of hours)	0.4	0	0	0	0	0						
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	15	14	14	13	14	19	18	21	23	22	25	26
Maximum velocities (exceeding 29 miles) direction and time											30 SW 12:33	34 SW 11:39

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	25	36	

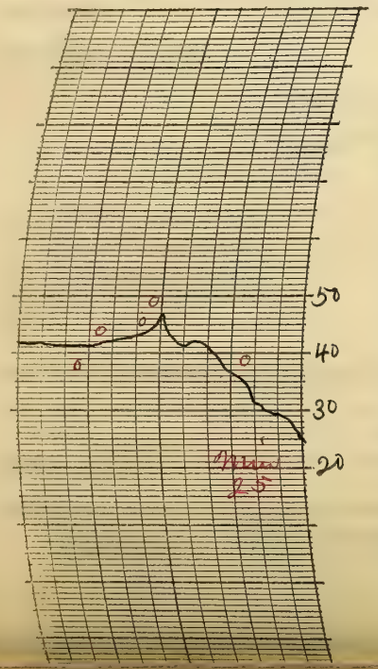
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 4
Prevailing wind direction, W Total wind, 395
Average hourly velocity, 16.5 Extreme velocity, 38
Maximum velocity, 34 Direction, SW
Time began, 11:39 p.m.
Reduced barometer, 29.69 7 a. m. 29.66 7 p. m.
River gage, 13.9 feet
Relative humidity, 92 7 a. m. 89 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.6 Wet temperature, 43.8
Dew-point, 43 R. humidity, 94 V. pressure, 277
Clouds: Amount, 10; Kind, Lt Fog; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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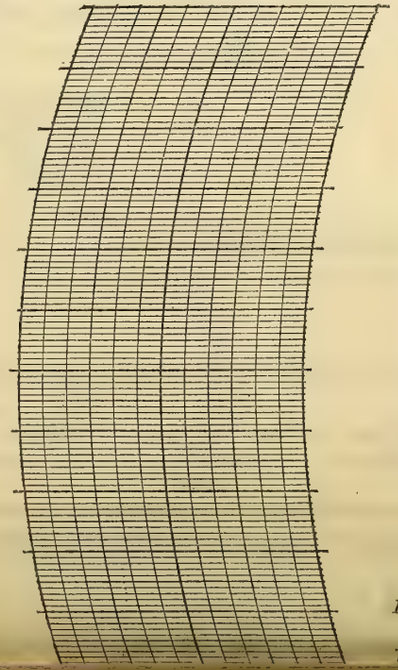
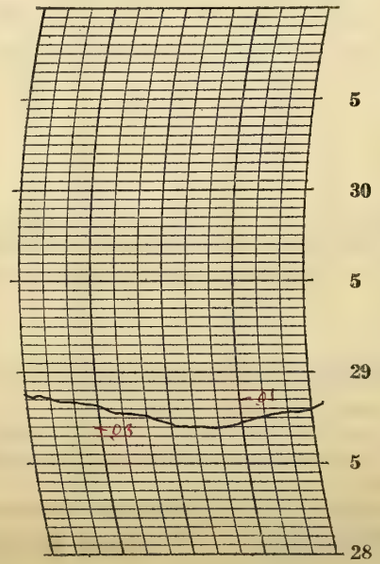


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was overcast all day with a light shower in the forenoon and another shower in the late afternoon and night. Light fog continued from the 24th and ended during the night p. m.

The temperature was rather high during the forenoon and for a while in the afternoon but it started falling after 4 p. m.

Strong winds from the southwest and west during the afternoon and night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 26 1925, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	19	17	16	15	15	14	13	13	14	14	14
Nature of precipitation and time of beginning and ending			SPB PN	—	—	—	SPE 6:55	SPB 7:50	—	—	—	—
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						← Cloudy			Pt cldy		cldy	X

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	16	16	15	14	14	13	13	12	11	10
Nature of precipitation and time of beginning and ending	SPE 12:30											
Amounts of precipitation	—											
Cloudiness and other conditions			Pt cldy			X		clear →				

Sunrise: Time, 6:20 Character, Cloudy
Moonrise: 8:34 a Cloudy

Sunset: Time, 5:28 Character, Cloudy
Moonset: 9:36 p Clear

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0.4	0.7	0.8	1.0	1.0
Wind direction	W	W	SW	W	W	W	W	W	W	W	W	W
Wind movement	28	27	23	24	24	22	19	23	22	24	24	24
Maximum velocities (exceeding 29 miles) direction and time	33 W 12:33	31 W 1:34										

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.2	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	28	27	24	22	24	19	20	20	20	18	21	19
Maximum velocities (exceeding 29 miles) direction and time	32 W 12:31	30 W 1:07										

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

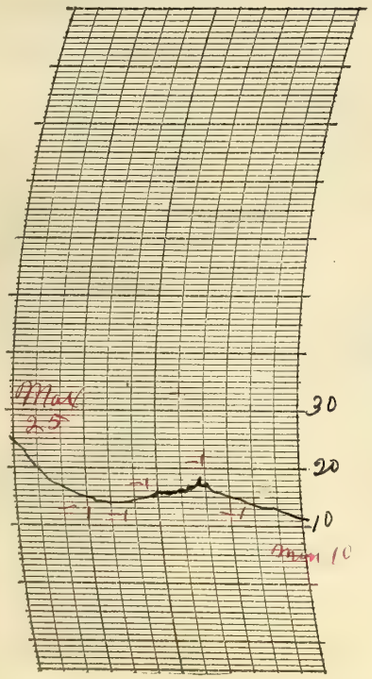
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	10	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 70
Prevailing wind direction, W Total wind, 546
Average hourly velocity, 22.8 Extreme velocity, 37
Maximum velocity, 33 Direction, W
Time began, 12:33 am.
Reduced barometer, 29.93 7 a. m. 30.16 7 p. m.
River gage, 11.9 feet
Relative humidity, 89 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 14.2 Wet temperature, 11.5
Dew-point, 1 R. humidity, 51 V. pressure, 0.40
Clouds: Amount, 6; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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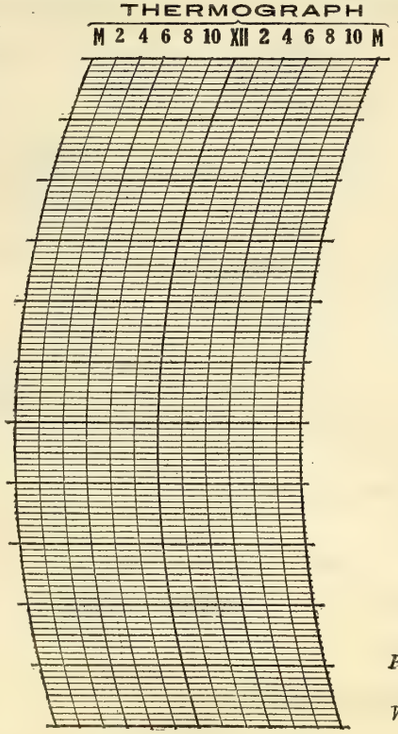
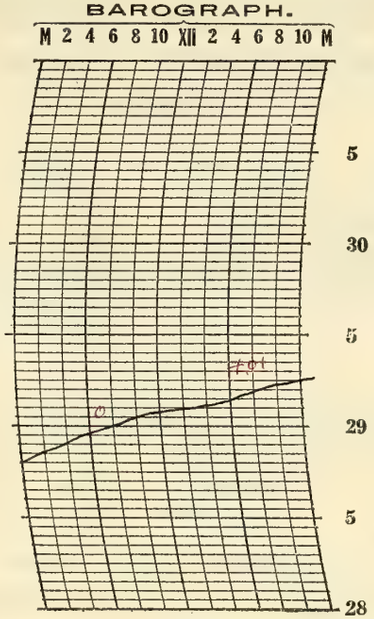


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McAnough

8—486

NOTES

The first half of the day was mostly cloudy with light snow flurries at intervals. The total snow fall was light. The afternoon was partly cloudy and the night was clear although clouds persisted late into the night.

The temperature was quite low for the season and the strong west wind made the weather very uncomfortable.

Form No. 1014–Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 27 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	8	6	5	5	5	5	6	7	8	9
State of weather: Nature of precipitation and time of beginning and ending		SqB DN	- - - -		SqE DN			SqB 7:10	- - - -	- - - -	- - - -	
Amounts of precipitation		—	—	—	—			—	—	—	—	—
Cloudiness and other conditions							Clear			×	Pt cldy	
Sunrise: Time, Character	6:19 Cloudy											
Moonrise:	9:05a Cloudy											
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	19	17	16	13	16	12	13	13	17	16	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	12	13	13	12	10	10	10	9	9	10	9
State of weather: Nature of precipitation and time of beginning and ending	SqE 1:00											
Amounts of precipitation	—											
Cloudiness and other conditions	×			Clear			×	Pt cldy				
Sunset: Time, Character									5:29 Cloudy			
Moonset:									10:38p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	W	W	NW	NW	NW	NW	NW	NW	N	NW	W	E
Wind movement	15	14	13	11	9	8	6	5	4	2	2	2

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
13	5	9	

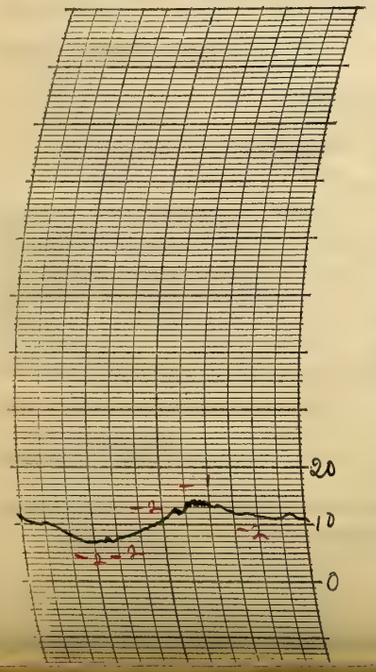
Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.1 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 72
Prevailing wind direction, W Total wind, 278
Average hourly velocity, 11.6 Extreme velocity, 24
Maximum velocity, 23 Direction, SW
Time began, 12:08 a.m.
Reduced barometer, 30.33 7 a. m. 30.37 7 p. m.
River gage, 11.3 feet
Relative humidity, 84 7 a. m. 70 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.0 Wet temperature, 6.8
Dew-point, −4 R. humidity, 51 V. pressure, .031
Clouds: Amount, 5; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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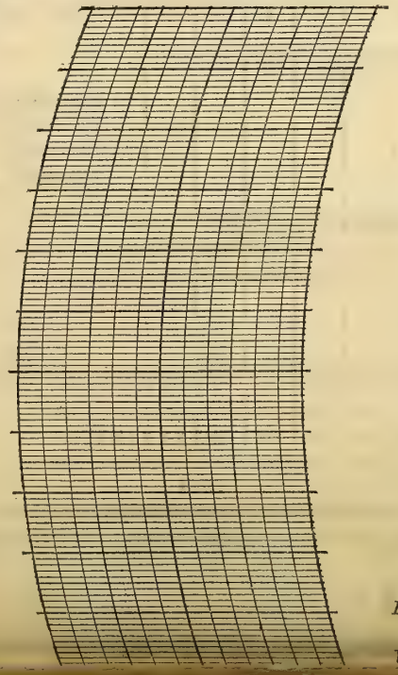
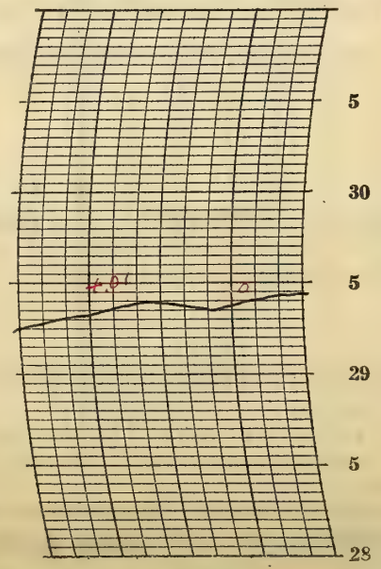


BAROGRAPH



Prepared by OER

Verified by P. McDonough

NOTES

Snowfall to 7 am. 0.2 inch.
The amount of clouds varied somewhat from time to time with lower clouds prevailing during the forenoon and upper clouds in the afternoon and night. Light snowfall occurred during the night a.m. and there were snow flurries from time to time during the morning and until 1:00 p.m.
The temperature remained quite low all day.

FORM NO. 1014—Met

(Station) _____

Time (local standard) 90" normal time.

Temperature at end of hour

State of weather.
- Nature of precipitation and of beginning and ending
- Amounts of precipitation
- Cloudiness and other cond

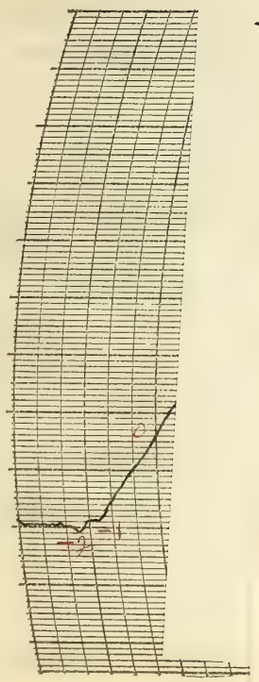
Sunshine (in tenths of hours

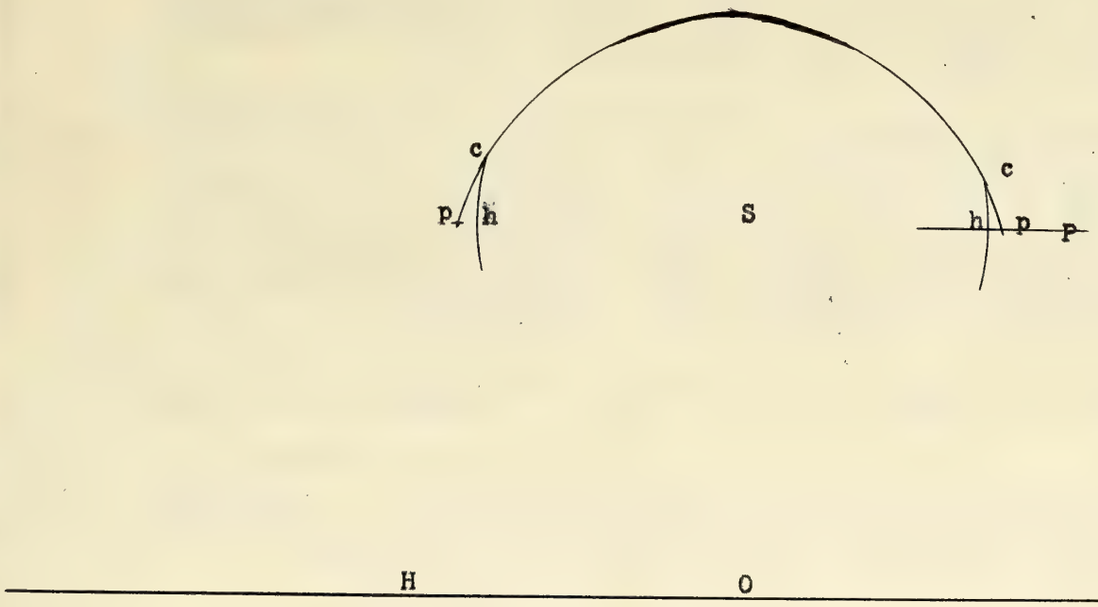
Wind direction

Wind movement
Maximum velocities (ex
27 miles) direction and

Excessive precipitation, lated amounts

THERM
M 2 4 6 8 1





Optical phenomena observed at Fort Wayne, Indiana, February 28, 1925

H	Horizon	c to c	Colored arc
O	Observer	p	Parhelion at 24 degrees
S	Sun	P	Parhelic Circle
h	Solar Halo 22 degrees		

_____, 192

Mean temperature.	Normal temperature.
22	

ending 7 p. m., 0 inches.
7 p. m., T inches.
night, T inches.
0 ins.; to 7 p. m., 0 ins.
midnight, T inches.
Moon phase,
8
Possible sunshine, hours, 11.2
60
E Total wind, 209
7 Extreme velocity, 23
0 Direction, SS
7 p.m.
7 a. m. 30.107 p. m.
feet
7 a. m. 63 7 p. m.

NS AT 12 NOON.
ean Time.)
Wet temperature, 20.3
dity, 46 V. pressure, .057
ind, ast; Direction, NW
ur)

cast with
ter part of
thickened
d snow
set before
ng temperature.
ered 12.35 pm to 1.25 pm;
siderably flattened at upper
of sun, distinctly separated
segments as follows:
ight parhelion at 12:40 pm;
12:40 pm; a portion about
also a 22° solar
ht from 2:40 pm to
separated from the
quite brilliant.

Form No. 1014—Mel'1

(Station) _____

Time (local standard) 90" me
normal time.

Temperature at end of hour _____

State of weather.
- Nature of precipitation and tir of beginning and ending ____
- Amounts of precipitation ____
- Cloudiness and other conditio

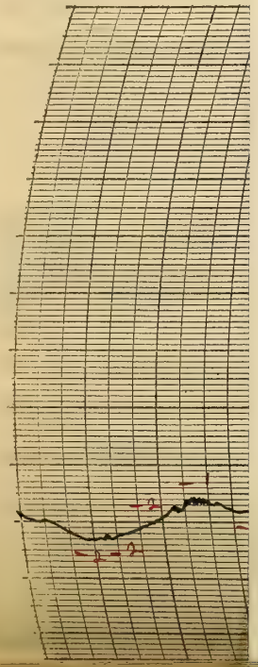
Sunshine (in tenths of hours) ____

Wind direction _____

Wind movement _____
Maximum velocities (exceedi
29 miles) direction and time

Excessive precipitation, accum
lated amounts _____

THERMOG



5 _____, 192

	Mean temperature.	Normal temperature.
	9	

s ending 7 p. m., 0.2 inches.
l 7 p. m., 0.2 inches.
night, 0.2 inches.
21 ins.; to 7 p. m., T ins.
midnight, .01 inches.
Moon phase, _____
4
Possible sunshine, hours, 11.2
72
W Total wind, 278
6 Extreme velocity, 24
Direction, SW
8 a. m.
7 a. m. 30.37 7 p. m.
feet
7 a. m. 70 7 p. m.

NS AT 12 NOON.
ean Time.)
Wet temperature, 6.8
dity, 51 V. pressure, .031
ind, Stcu; Direction, NW
ur) _____

.02 inch.
nds varied
to time
ewailing
oon and
the afternoon
snowfall
night a.m.
flurries from
the morning

emoned

(Station) .....

Time (local standard) 90" normal time.

Temperature at end of hour...

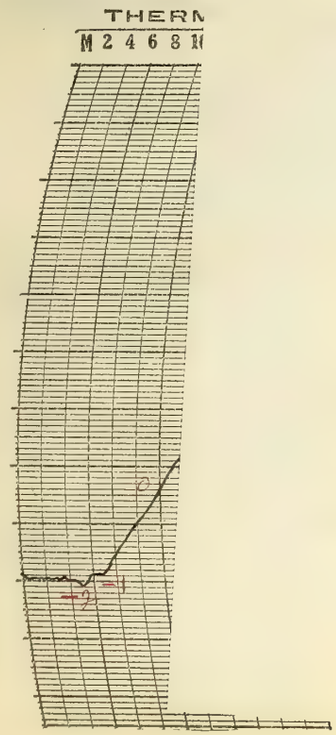
State of weather. { Nature of precipitation and of beginning and ending / Amounts of precipitation / Cloudiness and other cond

Sunshine (in tenths of hours)

Wind direction .....

Wind movement..... Maximum velocities (ex 29 miles) direction and

Excessive precipitation, lated amounts .....



The accompanying sketch represents as nearly as possible the outline of the optical phenomena observed February 28, 1925, from 12:35 to 12:50 p.m. The altitude of the sun was estimated to be approximately 33°. The portion from c to c represints a colored arc that would ordinarily be taken for the upper half of a 22° solar halo. To the eye, the arc appeared very much flattened so that the point above the sun was possibly not more than 19° distant. Red and yellow were distinguished in the arc, the yellow being very pronounced. The arc was considerably more prominent than any of the halos recently observed. The ends of the arc were diffuse and colorless and dropped down rather sharply (c to p) to the bright parhelia at right and left of sun. For a short while dim portions of the 22° halo, apparently of normal radius, were observed (h,h) near the parhelia. The parhelia and halo were separated by about two degrees.

A parhelic circle appeared in segments as follows: a portion about 15° in length through the right parhelion at 12:40 p.m.; a portion about 40° in length in the east at 12:40 p.m., the farthest end of which was about 180° from the sun; a portion about 30° in length in the west at 12:48 p.m. The different portions of the parhelic circle were quite distinct and the color was white. The separate parts were visible for about three minutes each.

The clouds during the observation were alto- stratus and cirro-stratus.

Later in the afternoon, from about 2:40 p.m. to about 3:40 p.m., a normal solar halo of 22° radius appeared with perhelia at right and left. The parhelia were distinctly separated from the halo and the one on the right was real bright at times.

O. E. Russell
Observer.

....., 192

	Mean temperature.	Normal temperature.
	22	

ars ending 7 p. m., 0 inches.
nd 7 p. m., T inches.
idnight, T inches.
0 ins.; to 7 p. m., 0 ins.
; to midnight, T inches.
Moon phase, ...
10), 8
7 Possible sunshine, hours, 11.2
60
SE Total wind, 209
7 Extreme velocity, 23
20 Direction, SS
117 p.m.
38 7 a.m. 30.10 7 p.m.
7 feet
7 a.m. 63 7 p.m.

TIONS AT 12 NOON.
cal Mean Time.)
6 Wet temperature, 20.3
humidity, 46 V. pressure, .057
; Kind, ast ; Direction, NW
per hour).....

rcast with
ater part of
ds thickened
and snow
just before
using temperature
observed 12.35 pm to 12.50 pm;
ed considerably flattened at upper
l left of sun, distinctly separated
red in segments as follows:
the right parhelion at 12:40 pm;
about 12:40 pm; a portion about
a.m. Also a 22° solar
d right from 2:40 pm to
tinctly separated from the
lt was quite brilliant.

Form No. 1014—Met'l

(Station) ..

Time (local standard) 9
normal time.

Temperature at end of hour

State of weather. { Nature of precipitation a of beginning and endi
Amounts of precipitatio
Cloudiness and other co

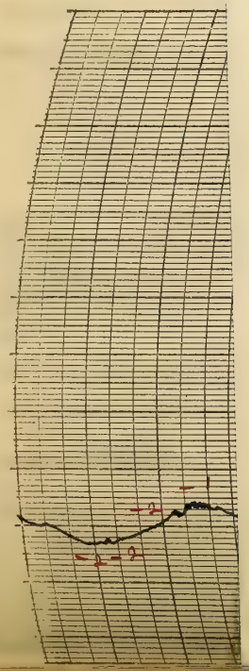
Sunshine (in tenths of hours)

Wind direction

Wind movement
Maximum velocities (ex
29 miles) direction and

Excessive precipitation, ac
lated amounts

THERMO



5 , 192

	Mean temperature.	Normal temperature.
	9	

ending 7 p. m., 0.2 inches.
l 7 p. m., 0.2 inches.
night, 0.2 inches.
.1 ins.; to 7 p. m., T ins.
midnight, .01 inches.
Moon phase,
4
Possible sunshine, hours, 11.2
72
Total wind, 278
Extreme velocity, 24
Direction, SW
8 a. m.
7 a. m. 30.37 7 p. m.
feet
7 a. m. 70 7 p. m.

NS AT 12 NOON.
ean Time.)
Wet temperature, 6.8
lity, 51 V. pressure, .031
ind, Stcu; Direction, NW
ur)

0.2 inch.
nds varied
to time
ernoiling
oon and
the afternoon
snowfall
night a.m.
flurries from
the morning
remained

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	8	8	8	7	9	10	13	17	20	23	25	28	32	34	35	35	34	33	33	33	33	33	29
State of weather: Nature of precipitation and time of beginning and ending																								SMB DN
Amounts of precipitation																								—
Cloudiness and other conditions					←				Cloudy						×	Pt Cloudy	×			Cloudy				→
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	NE	E	SE	SE	E	SE	SE	SE	SE	SE	SE	SE	S	S	SE	S	SE	SE	S	S	S	S	S	S
Wind movement	2	2	4	4	5	5	6	9	11	10	10	9	9	10	13	13	13	10	10	10	10	11	10	13

Sunrise: Time, 6:17 Character, Cloudy
Moonrise: 9:37 a Cloudy

Sunset: Time, 5:31 Character, Cloudy
Moonset: 11:38 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

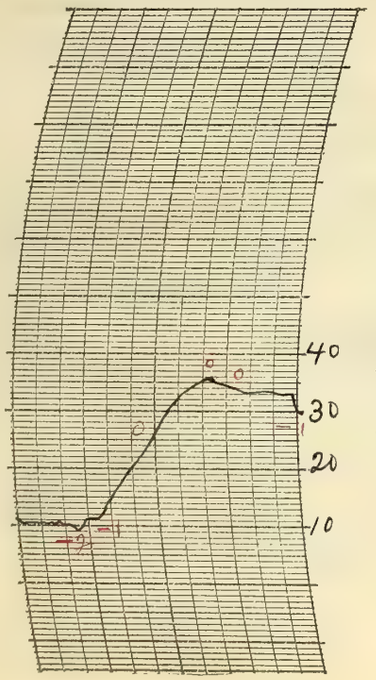
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	7	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.7 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 60
Prevailing wind direction, SE Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 23
Maximum velocity, 20 Direction, SS
Time began, 11:17 p.m.
Reduced barometer, 30.38 7 a.m. 30.10 7 p.m.
River gage, 10.7 feet
Relative humidity, 79 7 a.m. 63 7 p.m.

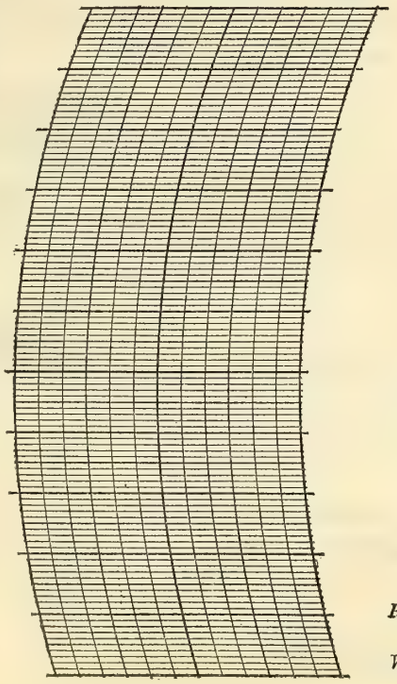
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.6 Wet temperature, 20.3
Dew-point, 8 R. humidity, 46 V. pressure, .057
Clouds: Amount, 9; Kind, ast; Direction, NW.
Velocity of clouds (miles per hour)

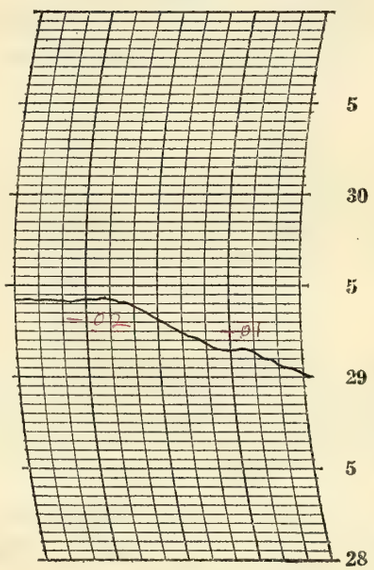
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was overcast with upper clouds the greater part of the day. The clouds thickened after nightfall and snow began falling just before midnight p.m. Rising temperature.

Upper half of 22° solar halo observed 12:35 p.m. to 12:50 p.m.; highly colored, red and yellow, and appeared considerably flattened at upper portion; bright parhelia at right and left of sun, distinctly separated from sun. A parhelic circle appeared in segments as follows: a portion about 15° in length through the right parhelion at 12:40 p.m.; a portion about 40° in length in the east about 12:40 p.m.; a portion about 30° in length in the west at 12:48 p.m. Also a 22° solar halo with parhelia at left and right from 2:40 p.m. to 3:40 p.m. The parhelia were distinctly separated from the halo and the one on the right was quite brilliant.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 1 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	30	32	33	33	34	31	30	31	32	31	29	26	25	23	21	18	16	16	16	14	12	12
State of weather: Nature of precipitation and time of beginning and ending	S m continued															S m E 3:20								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
Cloudiness and other conditions							←				Cloudy						×		Pt cldy			→		
Sunshine (in tenths of hours)							0	0	0	0.7	0.7	0.6	0.3	0.4	0.8	0.6	0	0						
Wind direction	S	S	S	SE	S	S	SW	W	SW	W	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	6	4	1	3	5	7	9	9	9	13	12	15	19	21	23	21	17	17	11	10	9	11	8	10
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 10:11 a Cloudy
Sunset: Time, 5:32 Character, Cloudy
Moonset: — —

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	12	23	

Total depth of snow for 24 hours ending 7 p. m., 4.8 inches.
Snow, sleet, and hail on ground 7 p. m., 4.8 inches.
Total snowfall, midnight to midnight, 4.8 inches.
Precipitation to 7 a. m., .43 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.1 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 36
Prevailing wind direction, W Total wind, 270
Average hourly velocity, 11.2 Extreme velocity, 27
Maximum velocity, 26 Direction, W
Time began, 1:04 p.m.
Reduced barometer, 29.69 7 a. m. 29.96 7 p. m.
River gage, 7.1 feet (Estimated)
Relative humidity, 95 7 a. m. 73 7 p. m.

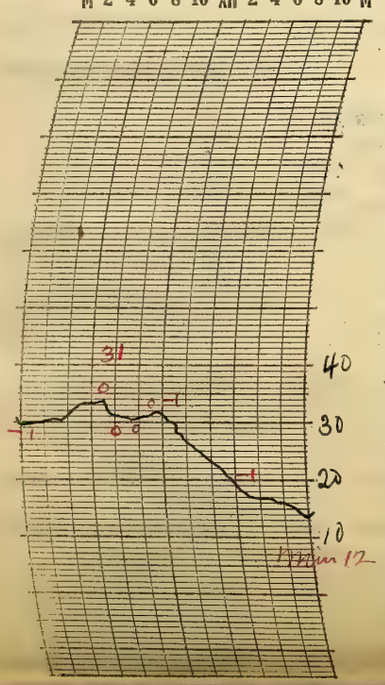
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

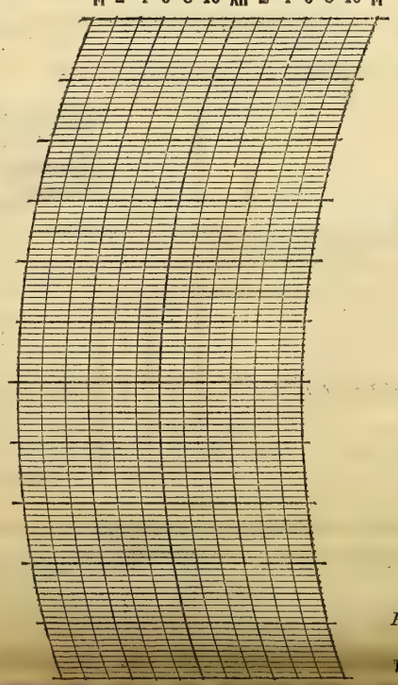
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 30.0
Dew-point, 28 R. humidity, 87 V. pressure, .150
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

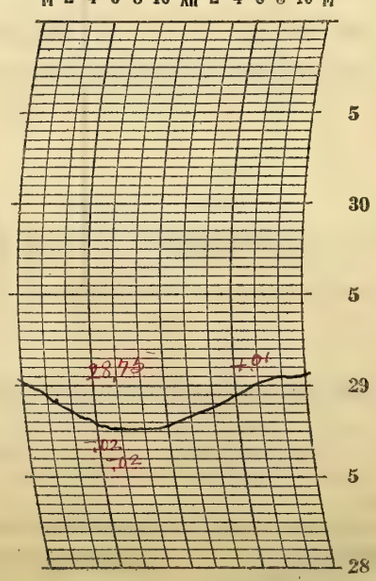
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Snowfall to 7 am 4.5 inches
Chicago called for special observation at noon (75 M.T.)
Cold wave warning recieved at 10:25 am, which indicated a fall to to 5° or 10° above zero. Information disseminated by phone and flag.
A moderately heavy snowfall occurred from midnight am to 7:a m and snow continued lightly until 3:20 p.m. The sky cleared somewhat in the late afternoon but some clouds continued into the night. Moon and stars visible at intervals.
The temperature was moderately high, in the early morning but fell rapidly

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 2 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	10	7	5	3	4	4	3	4	6	7	8
State of weather: Nature of precipitation and time of beginning and ending					SAB DR	—	—	SAE 7.15				
Amounts of precipitation					—	—	—	—				
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	6:14 Cloudy											
Moonrise:	10:47a Clear											
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	14	14	14	14	14	13	12	13	13	16	18
Maximum velocities (exceeding 29 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	10	10	9	8	7	4	3	3	3	2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, Character,									5:33 Clear			
Moonset:									12:35a Clear?			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 (.04)	0 (.55)						
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	S	S
Wind movement	18	16	16	16	12	8	8	8	9	10	11	9
Maximum velocities (exceeding 29 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
13	2	8	

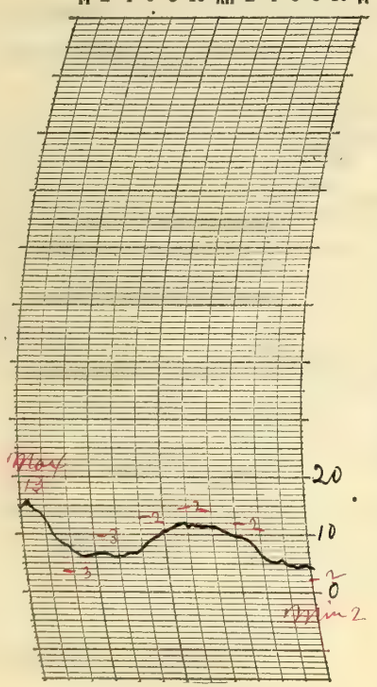
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 4.8 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches. First Quarter
Character of day, Clear Moon phase, 6:07 am.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 309
Average hourly velocity, 12.9 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 12:28 p.m.
Reduced barometer, 30.21 7 a. m. 30.37 7 p. m.
River gage, 4.3 feet
Relative humidity, 89 7 a. m. 76 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 8.0 Wet temperature, 6.4
Dew-point, -1 R. humidity, 63 V. pressure, .036
Clouds: Amount, 1; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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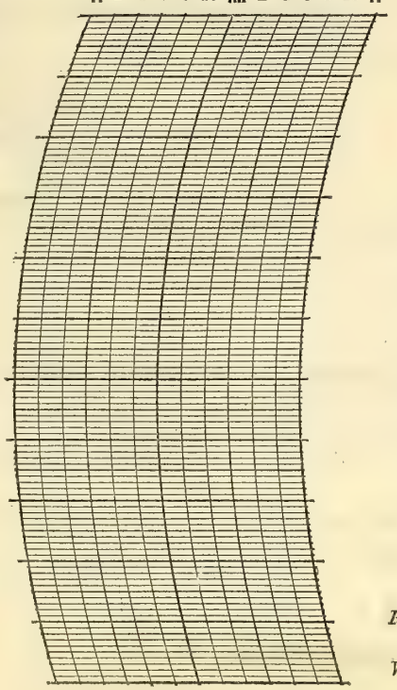
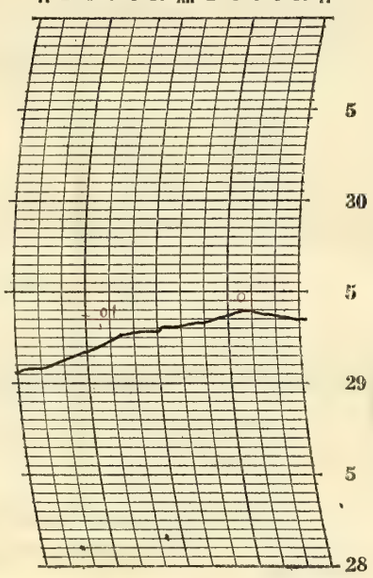


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Snowfall to 7 am 0.1 inch.

A light snow occurred in the early morning. The sky cleared rapidly about 8 am and remained clear the rest of the day and into the night.

Bright moonlight.

The temperature was considerably below the seasonal average.

The cold wave forecast of the 1st was verified this morning with a temperature of 3° above zero and a 24 hour fall of 30°.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 3 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	3	2	4	3	5	6	9	13	17	20	22	25	28	29	32	32	33	33	34	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt cloudy			X				Clear					X	Cloudy				→
Sunshine (in tenths of hours)							0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	SW	SW
Wind movement	9	9	11	12	12	12	13	15	20	20	20	24	23	25	26	22	16	15	13	12	19	17	17	15
Maximum velocities (exceeding 29 miles) direction and time														31 S 1.02										

Sunrise: Time, 6:12 Character, Cloudy
Moonrise: 11:28a Clear
Sunset: Time, 5:34 Character, Cloudy
Moonset: 1:31a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

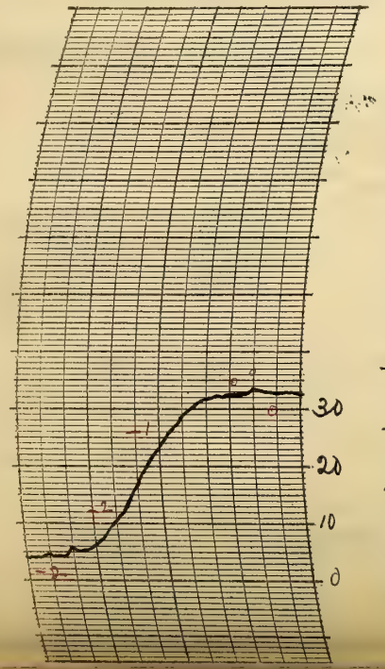
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	2	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 75
Prevailing wind direction, S Total wind, 397
Average hourly velocity, 16.5 Extreme velocity, 34
Maximum velocity, 31 Direction, S
Time began, 1:02 p m
Reduced barometer, 30.217 7 a. m. 29.980 7 p. m.
River gage, 3.2 feet
Relative humidity, 80 7 a. m. 61 7 p. m.

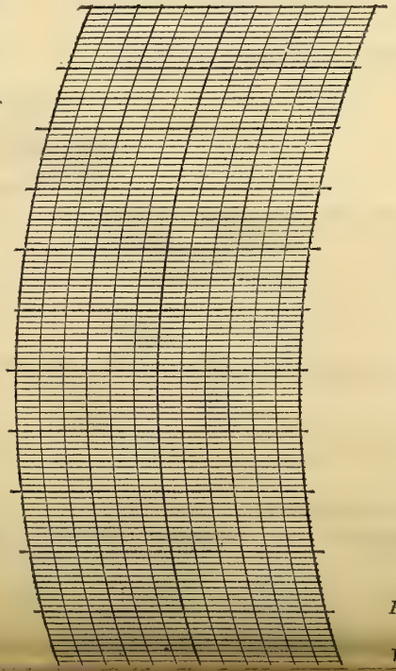
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.0 Wet temperature, 19.0
Dew-point, 11 R. humidity, 59 V. pressure, .066
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

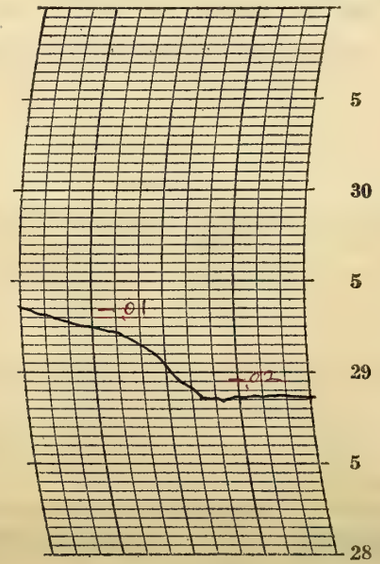
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.R.
Verified by P. McDonough

NOTES

There were thin upper clouds in the morning, followed by a nearly cloudless sky during the middle of the day. Upper clouds prevailed again in the late afternoon but they became heavier during the night. Moon and stars obscured.

The minimum temperature of 2° is the lowest on record for this date. The temperature rose rapidly to above freezing at 7 p.m. and remained nearly stationary during the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 4 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	34	34	34	34	33	33	34	35	34	33	35	34	33	31	30	29	28	27	26	23	22	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Cloudy			X	Pt cldy	X	clear	X		Pt	cldy	X		clear		→
Sunshine (in tenths of hours)							0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.3	0.4	0						
Wind direction	SW	SW	SW	SW	SW	W	W	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	9	7	6	5	6	4	5	5	5	10	11	13	14	13	12	10	10	8	7	6	6	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:10; Character, Cloudy
Moonrise: 12:14p Cloudy
Sunset: Time, 5:35; Character, Cloudy
Moonset: 2:23a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

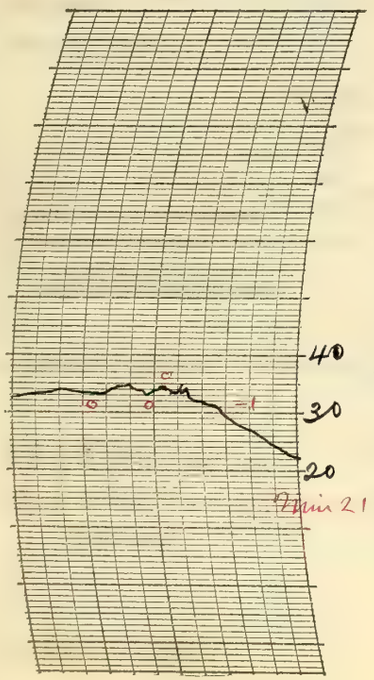
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	21	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.1 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 45
Prevailing wind direction, NW Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 2:07 p.m.
Reduced barometer, 29.91 7 a. m. 30.11 7 p. m.
River gage, 3.5 feet
Relative humidity, 76 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.2 Wet temperature, 29.3
Dew-point, 23 R. humidity, 62 V. pressure, .118
Clouds: Amount, 6; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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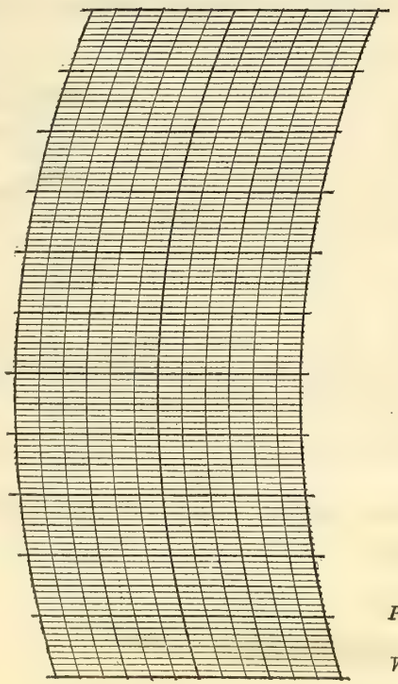
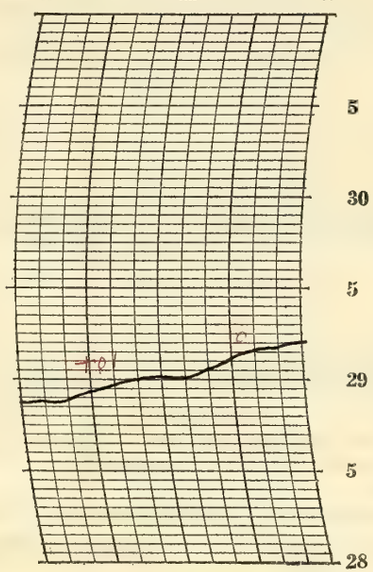


BAROGRAPH.



Prepared by OER

Verified by O. M. McDonough

8—

NOTES

The sky was overcast during the morning, partly cloudy most of the afternoon and clear at night although some clouds persisted into the night. Bright moonlight.

The temperature did not rise much above freezing but it was rather warm in the sun and there was considerable melting. After nightfall the temperature fell steadily.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 5 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	18	17	18	24	28	31	33	34	36	37	37	36	36	35	35	35	34	34	34	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear				Cldy			Clear		Pt Cldy			
Sunrise: Time, Character	6:09 Clear																							
Moonrise	11:03p Clear																							
Sunset: Time, Character																					5:36 Cloudy			
Moonset																					3:41a Clear			
Sunshine (in tenths of hours)							8.5 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	NE	E	S	S	S	SE	S	S	S	S	S	S	S	S	S	S
Wind movement	5	3	4	3	4	3	3	3	4	2	3	4	6	5	8	6	6	7	5	6	8	11	11	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

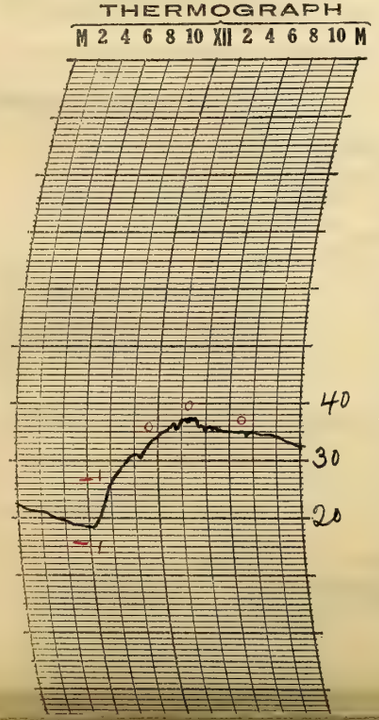
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	17	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 10 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 79
Prevailing wind direction, S Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 9:49 p. m.
Reduced barometer, 30.26 7 a. m. 30.20 7 p. m.
River gage, 3.5 feet
Relative humidity, 84 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.5 Wet temperature, 31.5
Dew-point, 28 R. humidity, 80 V. pressure, 150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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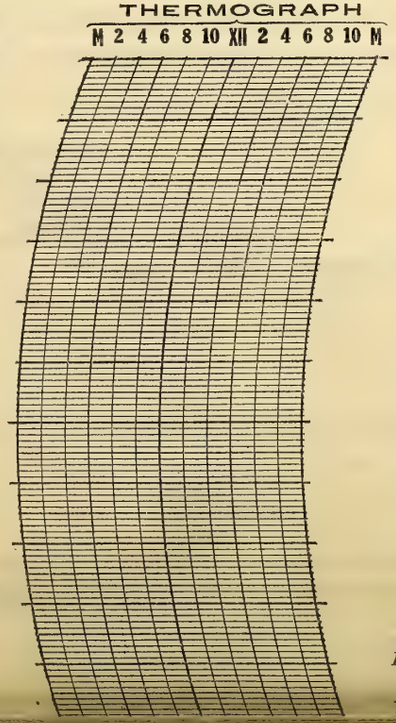
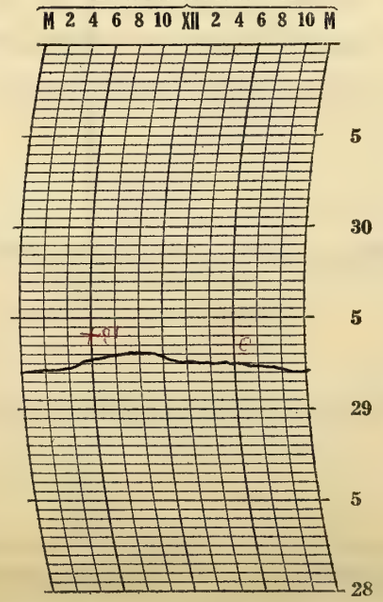


BAROGRAPH.



Prepared by O.G.R.
Verified by P.M.C. Donough

NOTES

The sky was cloudless until about 2:30 p.m. It became nearly overcast for a while between 4 p.m and 5 p.m but cleared some what later. Some clouds persisted into the night. Moonlight at intervals.

It was rather cool in the early morning but became warm and pleasant in the afternoon. Some melting in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	33	33	33	37	41	43	47	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunshine (in tenths of hours)							.88 0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	10	12	11	11	13	11	13	15	16	14	12

Sunrise: Time, 6:07 Character, Clear
Moonrise: 1:56p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	53	52	51	49	46	44	43	43	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				←	Lt Haze				→	×	Cldy	→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.04 0.6	.62 0						
Wind direction	S	S	S	S	S	S	SE	E	E	E	E	SE
Wind movement	11	13	11	9	5	3	3	3	5	5	3	4

Sunset: Time, 5:37 Character, Clear
Moonset: 3:55a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

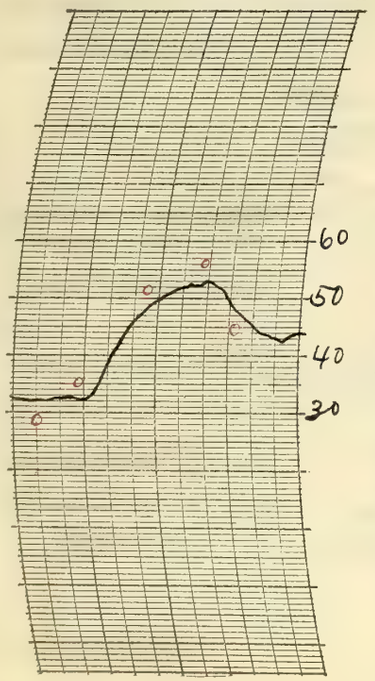
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 21
Maximum velocity, 19 Direction, S
Time began, 9:42 a. m.
Reduced barometer, 30.14 7 a. m. 30.12 7 p. m.
River gage, 3.4 feet
Relative humidity, 66 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.6 Wet temperature, 41.1
Dew-point, 30 R. humidity, 47 V. pressure, .164
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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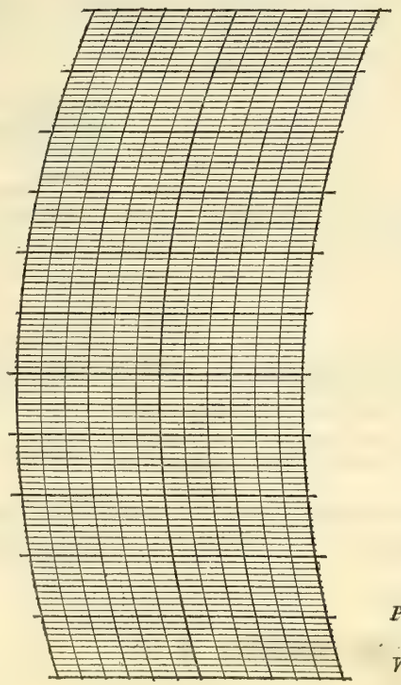
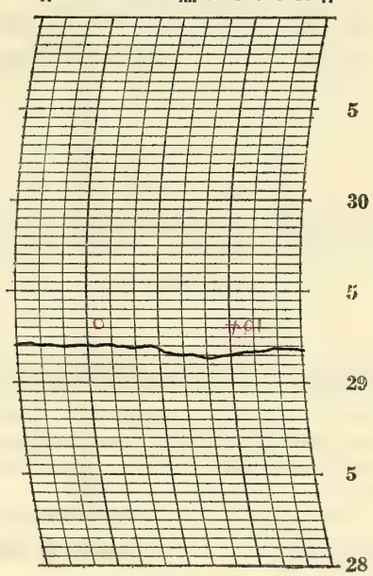


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was cloudless the greater part of the time although light haze prevailed during the afternoon and evening. There was dim moonlight at times during the night but the sky became cloudy towards midnight.

The weather was warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	41	41	41	41	39	41	42	48	52	55	62	64	66	66	64	62	61	58	56	54	53	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy				→		←		Clear		Pt cldy			Cldy			→	
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE	S	S	S	S	S	SE	SE	S	S	S	S	S	S
Wind movement	5	4	4	2	4	4	3	3	4	3	6	10	11	12	10	8	7	6	9	6	6	8	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:06 Character, Cloudy
Moonrise: 2:56p Cloudy
Sunset: Time, 5:39 Character, Cloudy
Moonset: 4:36a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

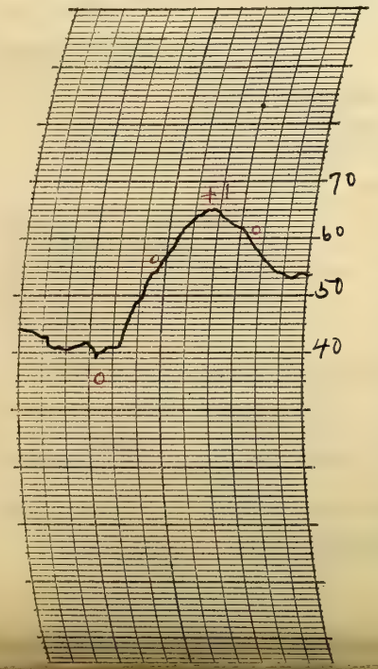
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 69
Prevailing wind direction, SE-S Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 14
Maximum velocity, 14 Direction, SS
Time began, 1:24 p. m.
Reduced barometer, 30.097 a. m. 29.867 p. m.
River gage, 3.6 feet
Relative humidity, 74 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.8 Wet temperature, 47.3
Dew-point, 40 R. humidity, 57 V. pressure, 24.7
Clouds: Amount, 7; Kind, ~~Lt. Haze~~ Direction, —
Velocity of clouds (miles per hour)

THERMOGRAPH



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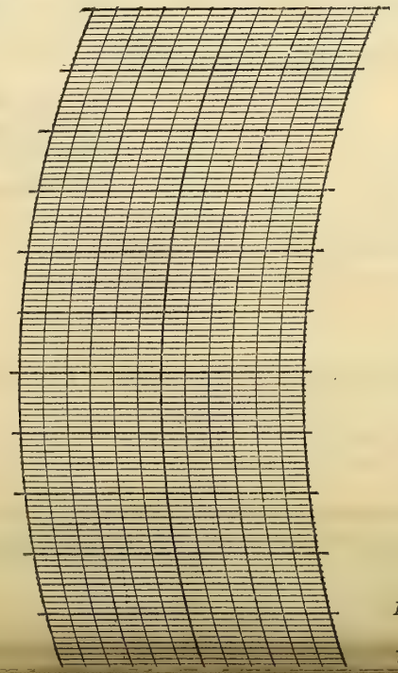
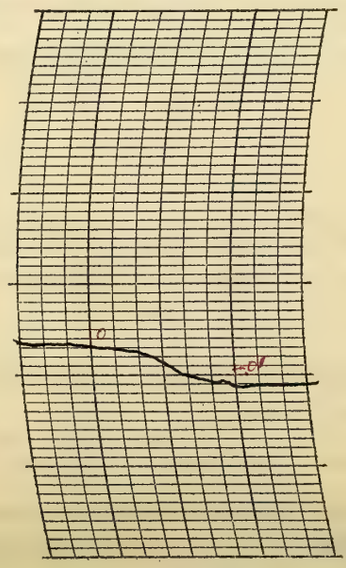


BAROGRAPH.



Prepared by O.E.R.
Verified by P.M. McDonough

NOTES

A partly cloudy day with light haze from the middle of the morning extending into the night. The moon was visible at intervals through the clouds.
A warm pleasant day.

Form No. 1011 Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 8 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	45	40	36	33	33	34	35	36	37	38	38	38	37	37	37	36	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:55	—	—	—	RE DN		
Amounts of precipitation																		—	—	—	—	—		
Cloudiness and other conditions						← Dense Fog				—	✕ Lt Fog		Cloudy									→		
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	0.2	0	0	0	0	0						
Wind direction	SW	SW	SW	W	W	NW	NW	N	NW	N	NW	N	N	N	N	N	N	NE	NE	NE	NE	NE	N	NE
Wind movement	11	8	5	5	5	7	5	5	7	7	8	8	8	10	9	10	10	11	8	6	10	9	8	8

Sunrise: Time, 6:04 Character, Cloudy
Moonrise: 3:52p Cloudy

Sunset: Time, 5:40 Character, Cloudy
Moonset: 5:12a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

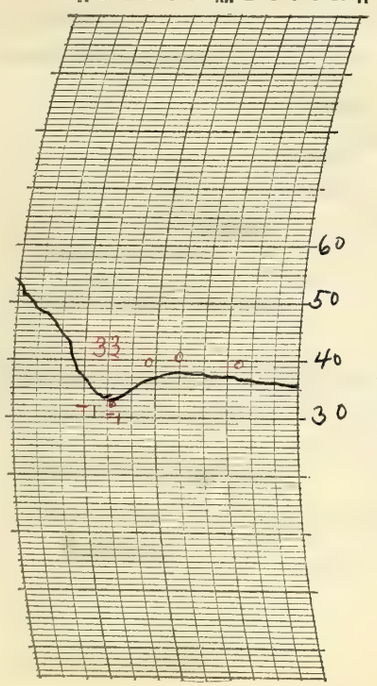
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 4
Prevailing wind direction, N Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 17
Maximum velocity, 16 Direction, N
Time began, 6:15 p.m.
Reduced barometer, 30.00 7 a. m. 30.16 7 p. m.
River gage, 4.2 feet
Relative humidity, 100 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.0 Wet temperature, 35.5
Dew-point, 33 R. humidity, 87 V. pressure, .187
Clouds: Amount, 10; Kind, St Fog; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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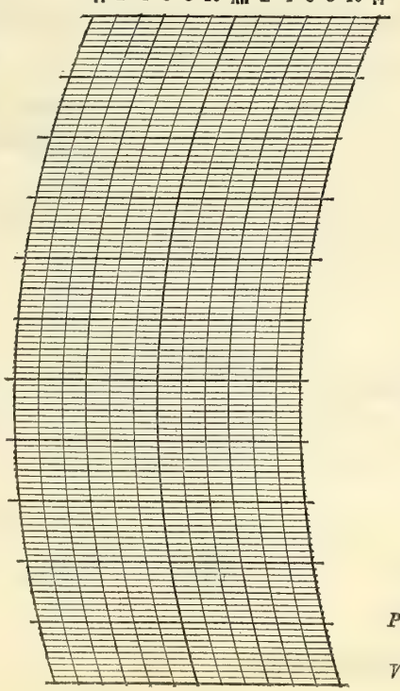
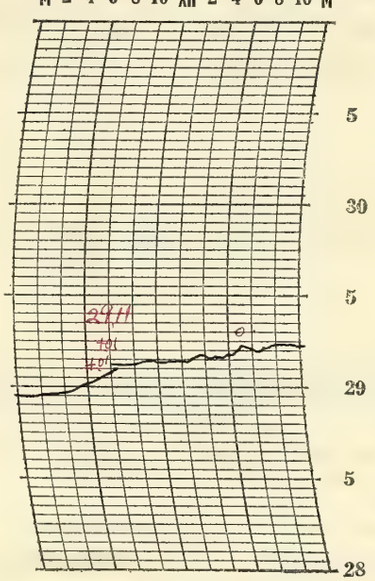


BAROGRAPH.



Prepared by O.W.R.

Verified by P. McGonagh

8—486

NOTES

Dense fog began 6:20 am and ended 9:30 am. Light fog began 9:30 am and ended 2:00 p.m.

The day was dark and cloudy with a light shower in the evening and earlier part of the night.

The temperature was highest during the night a. m. and fell rapidly till morning after which there was only slight variation during the rest of the 24 hours.

The snow disappeared during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 9 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	34	34	34	33	33	34	36	38
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	RE 7:55				
Amounts of precipitation							–	–				
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6:02 Character, Cloudy												
Moonrise: 4:54p Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0.5	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	6	9	11	11	12	13	10	12	13	14	15	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	44	47	48	47	47	46	44	43	44	48	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 5:41 Character, Cloudy												
Moonset: 5:46a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	10	12	11	10	9	8	7	6	5	5	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

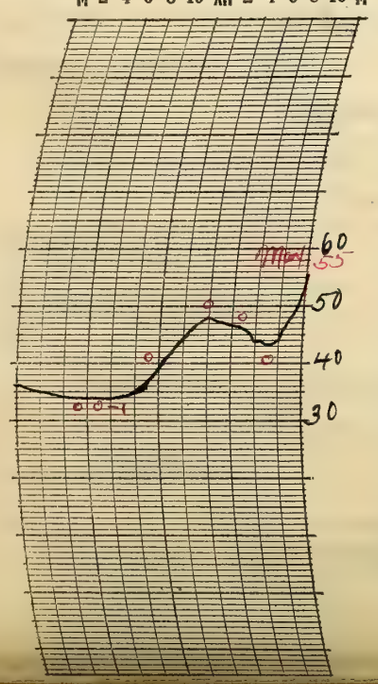
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.8 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 50
Prevailing wind direction, E Total wind, 237*
Average hourly velocity, 9.9 Extreme velocity, 21
Maximum velocity, 18* Direction, E
Time began, 10:28 am.
Reduced barometer, 30.22 7 a. m. 29.90 7 p. m.
River gage, 4.5 feet
Relative humidity, 93 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 36.3
Dew-point, 34 R. humidity, 85 V. pressure, .195
Clouds: Amount, 9; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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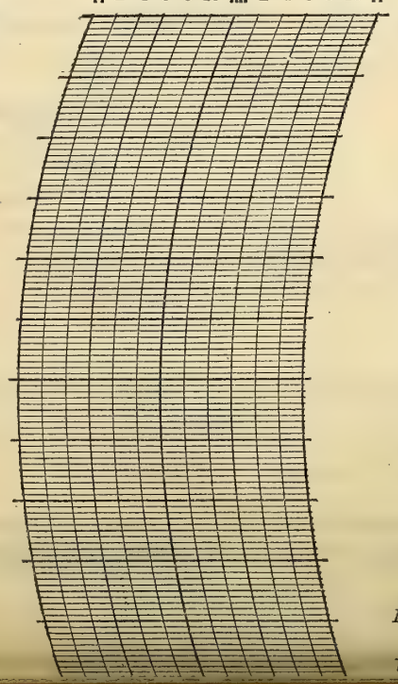
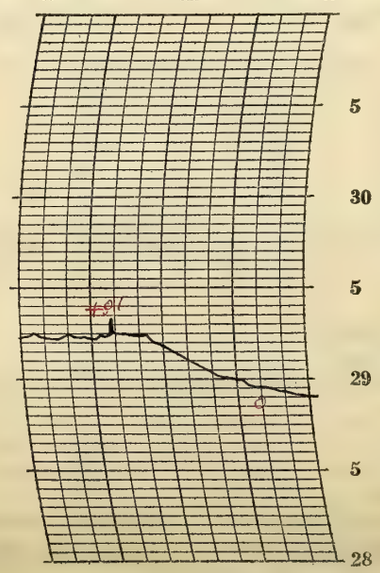


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

* for 21 hours & 40 m
* Interpolated

The sky was overcast the greater part of the time with lower clouds during the morning and upper clouds during the afternoon and into the night. The moonlight was not very bright. A lunar corona was observed at 9:30 p. m.

The first thunderstorm of the season occurred from 7:30 am to 7:53 am.

The temperature rose slowly during the day and after falling in the early night started to rise again.

Form No. 101—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 10 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	54	53	53	55	60	64	67	68
State of weather: Nature of precipitation and time of beginning and ending				RB DN	- - -	- - -	RE 6:15					
Amounts of precipitation				—	—	—	—					
Cloudiness and other conditions							Cloudy			Pt Cldy		
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	10	11	13	13	13	15	12	15	18	19	22
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	68	57	56	54	53	49	47	44	41	39
State of weather: Nature of precipitation and time of beginning and ending			RB 2:55	RE 3:45		RB 5:20 RE 5:55	RB 6:38	RE 7:05				
Amounts of precipitation			—	—		—	—	—				
Cloudiness and other conditions						Cldy					Clear	
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0.1	0						
Wind direction	SW	SW	S	SW	W	W	W	W	W	W	NW	NW
Wind movement	25	24	19	23	8	7	9	9	10	11	11	10
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12:08	30 SW 1:46	32 S 2:57	47 SW 3:10								

Sunrise: Time, 6:01 Character, Cloudy
Moonrise: 5:57p Cloudy

Sunset: Time, 5:42 Character, Cloudy
Moonset: 6:17a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	39	56	

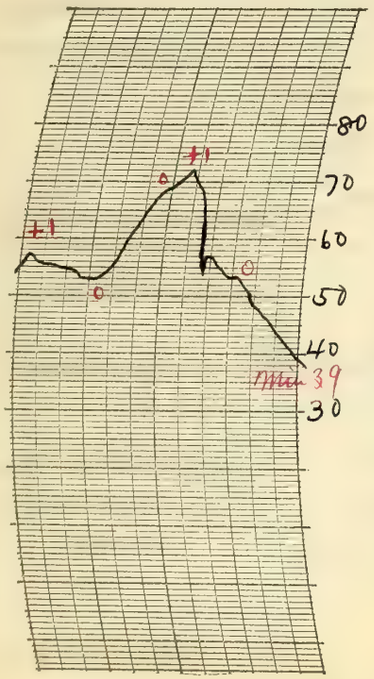
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt Cloudy Moon phase, 8:21 am Full moon
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.6 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind, 337
Average hourly velocity, 14.0 Extreme velocity, 50
Maximum velocity, 47 Direction, SW
Time began, 3:10 p. m.
Reduced barometer, 29.80 7 a. m. 29.81 7 p. m.
River gage, 5.3 feet
Relative humidity, 87 7 a. m. 82 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

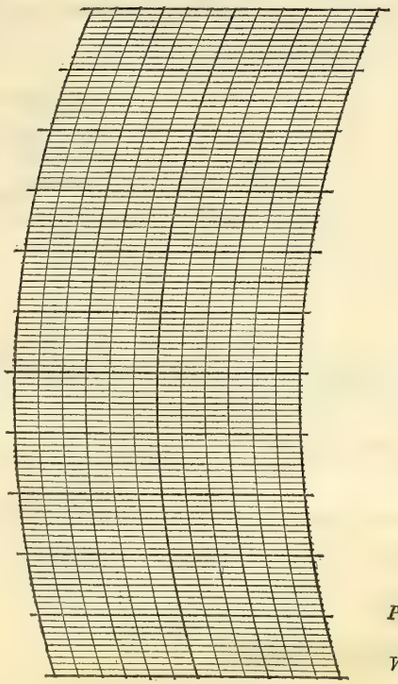
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 58.5
Dew-point, 52 R. humidity, 56 V. pressure, 387
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

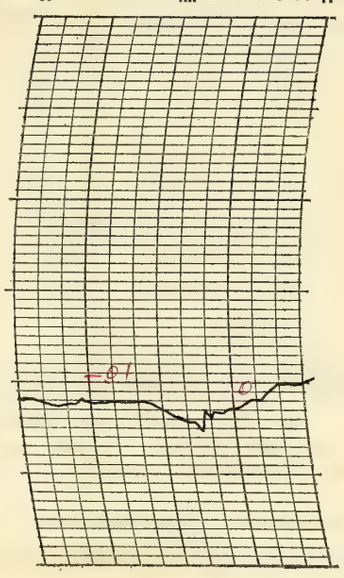
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

o Interpolated

Showers occurred in the early morning and in the late afternoon and evening. Thunderstorms occurred from 3:03 p.m. to 3:45 p.m. and from 5:15 p.m. to 5:55 p.m. Heavy clouds continued into the night but the sky cleared and there was bright moonlight before midnight.

The maximum temperature, 73°, was the highest of the season to date and the highest recorded at this station for this season of the year. The temperature fell rapidly during the late afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	34	34	34	33	33	34	36	38	42	44	47	48	47	47	46	44	43	44	48	55
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	RE 7:55																
Amounts of precipitation							–	–																
Cloudiness and other conditions						<							Cloudy								>			
Sunshine (in tenths of hours)							0	0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	9	11	11	12	13	10	12	13	14	15	12	10	10	12	11	10	9	8	7	6	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:02 Character, Cloudy
Moonrise: 4:54p Cloudy

Sunset: Time, 5:41 Character, Cloudy
Moonset: 5:46a Cloudy

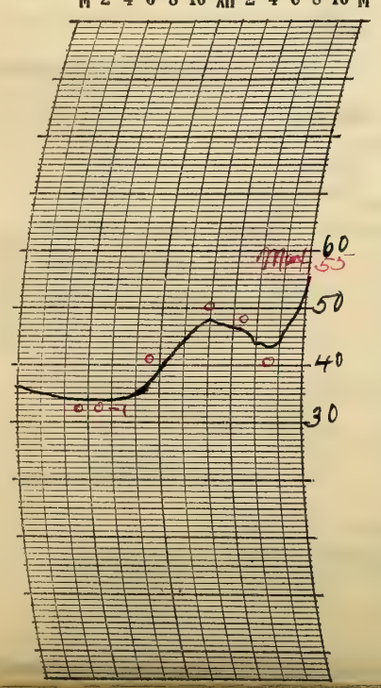
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	33	44	

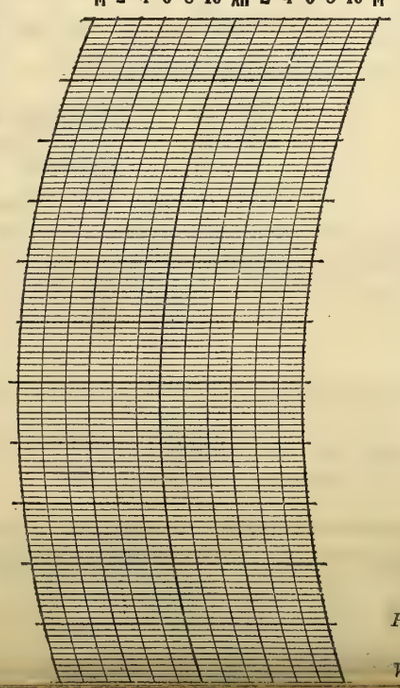
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.8 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 50
Prevailing wind direction, E Total wind, 237*
Average hourly velocity, 9.9 Extreme velocity, 21
Maximum velocity, 18* Direction, E
Time began, 10:28 am.
Reduced barometer, 30.22 7 a. m. 29.90 7 p. m.
River gage, 4.5 feet
Relative humidity, 93 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 38.0 Wet temperature, 36.3
Dew-point, 34 R. humidity, 85 V. pressure, .195
Clouds: Amount, 9; Kind, St; Direction, E
Velocity of clouds (miles per hour)

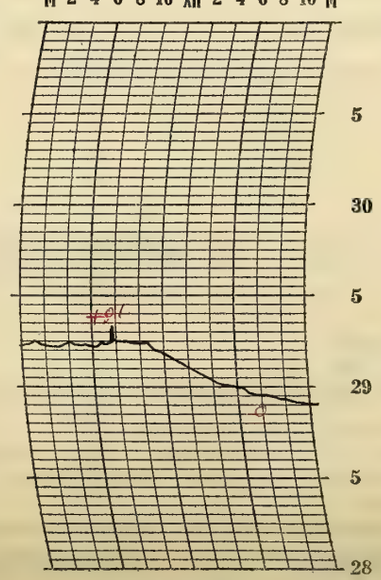
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

* for 21 hours & 40 m

NOTES

* Interpolated

The sky was overcast the greater part of the time with lower clouds during the morning and upper clouds during the afternoon and into the night. The moonlight was not very bright. A lunar corona was observed at 9:30 p. m.

The first thunderstorm of the season occurred from 7:30 am to 7:53 am.

The temperature rose slowly during the day and after falling in the early night started to rise again.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 10 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	54	53	53	55	60	64	67	68
State of weather: Nature of precipitation and time of beginning and ending				RB DN	- - -	- -	RE 6:15					
Amounts of precipitation				—	—	—	—					
Cloudiness and other conditions	← Cloudy							×		Pt cldy		
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	10	11	13	13	13	15	12	15	18	19	22
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	68	67	56	54	53	49	47	44	41	39
State of weather: Nature of precipitation and time of beginning and ending			RB 2:55	RE 3:45		RB 5:20 RE 5:50	RB 6:38	RE 7:05				
Amounts of precipitation			—	—		—	—	—				
Cloudiness and other conditions		×			Cldy				×		Clear →	
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0.1	0						
Wind direction	SW	SW	S	SW	W	W	W	W	W	W	NW	NW
Wind movement	25	24	19	23	8	7	9	9	10	11	11	10
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12:08	30 SW 1:46	32 S 2:57	47 SW 3:10								

Sunrise: Time, 6:01 Character, Cloudy
Moonrise: 5:57p Cloudy

Sunset: Time, 5:42 Character, Cloudy
Moonset: 6:17a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	39	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt cloudy Moon phase, Full moon 8:21 am.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.6 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind, 327
Average hourly velocity, 14.0 Extreme velocity, 50
Maximum velocity, 47 Direction, SW
Time began, 3:10 p. m.
Reduced barometer, 29.80 7 a. m. 29.81 7 p. m.
River gage, 5.3 feet
Relative humidity, 87 7 a. m. 82 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

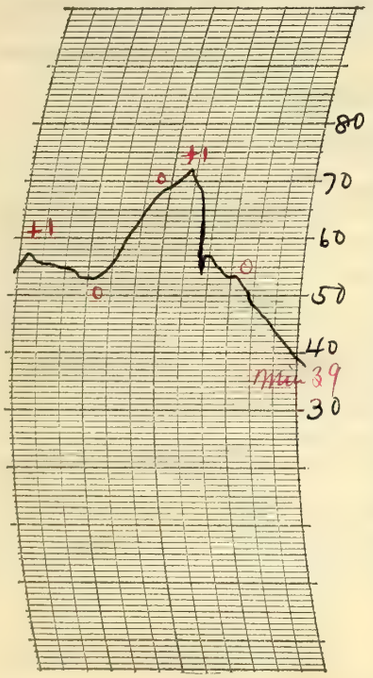
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 58.5
Dew-point, 52 R. humidity, 56 V. pressure, .387
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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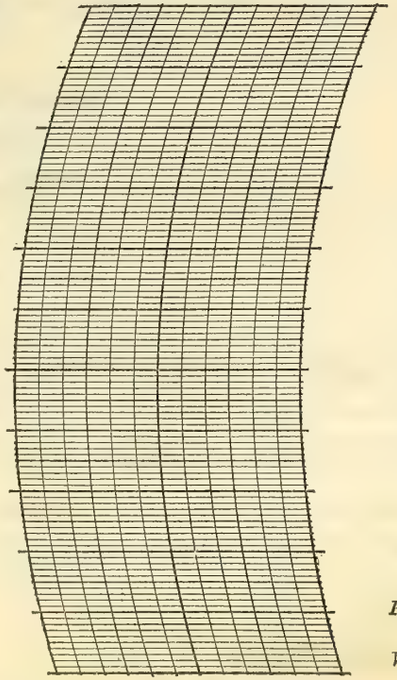
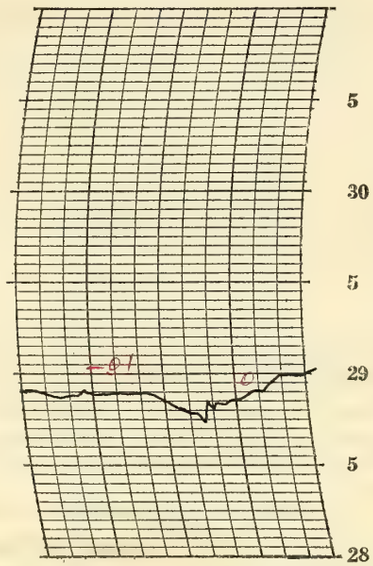


BAROGRAPH.



Prepared by O. E. V.

Verified by O. M. Smith

8—496

NOTES ° Interpolated

Showers occurred in the early morning and in the late afternoon and evening. Thunderstorms occurred from 3:03 p.m. to 3:45 p.m. and from 5:15 p.m. to 5:55 p.m. Heavy clouds continued into the night but the sky cleared and there was bright moonlight before midnight.

The maximum temperature, 73°, was the highest of the season to date and the highest recorded at this station for this season of the year. The temperature fell rapidly during the late afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 11 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	33	32	32	32	33	34	35	35	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						Cloudy
Sunshine (in tenths of hours)						0	0.2 (.08)	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	8	8	5	4	3	7	8	7	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	34	33	33	31	30	28	27	26
Nature of precipitation and time of beginning and ending				5mB 3.42	8mE 4.10							
Amounts of precipitation				—	—							
Cloudiness and other conditions	Cloudy						Clear					
Sunshine (in tenths of hours)	1.0	0.9	0	0.2	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	10	9	8	6	7	6	4	5	4	3

State of weather.

Sunrise: Time, 5:59; Character, Clear. Moonrise: 7:00p, Clear.

Sunset: Time, 5:43; Character, Cloudy. Moonset: 6:48a, Clear.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	26	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.1 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 69

Prevailing wind direction, NW Total wind, 163

Average hourly velocity, 6.8 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 2:08 p.m.

Reduced barometer, 30.08 7 a. m. 30.22 7 p. m.

River gage, 5.6 feet

Relative humidity, 59 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

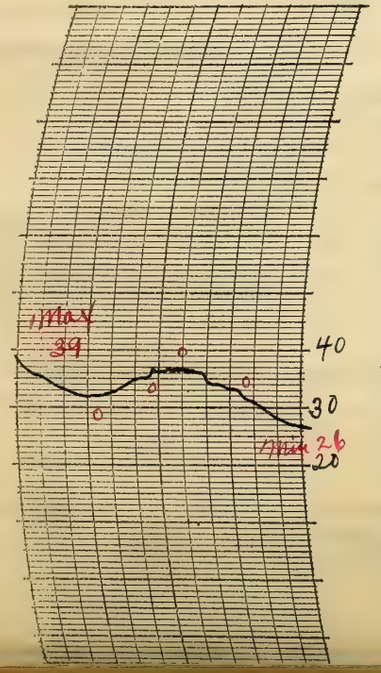
Dry temperature, 35.6 Wet temperature, 31.3

Dew-point, 25 R. humidity, 62 V. pressure, 130

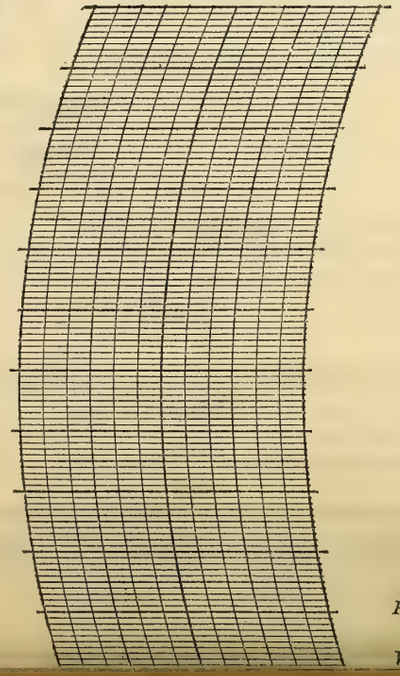
Clouds: Amount, 8; Kind, St Cu; Direction, NW

Velocity of clouds (miles per hour)

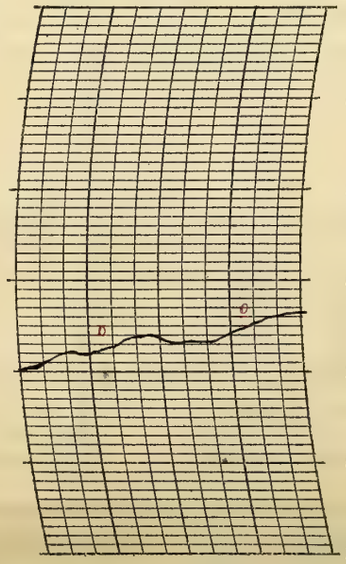
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Moonlight in early morning. The sky was clear during the early morning, mostly overcast during the day and clear again at night with bright moonlight. A light snow flurry occurred in the afternoon.

The temperature was about seasonal although it was much cooler than on the previous date.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	25	24	24	24	25	28	32	36	39	41	43	47	48	49	50	48	46	45	43	42	41	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										Cloudy →			
Sunshine (in tenths of hours)						0.5 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.3 0.2						
Wind direction	NW	NW	N	N	N	E	E	E	SE	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE
Wind movement	3	4	4	4	3	3	4	4	7	8	10	9	13	12	11	12	11	8	6	6	8	6	5	3

Sunrise: Time, 5:57 Character, Clear
Moonrise: 8:06p Clear
Sunset: Time, 5:44 Character, Clear
Moonset: 7:18a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

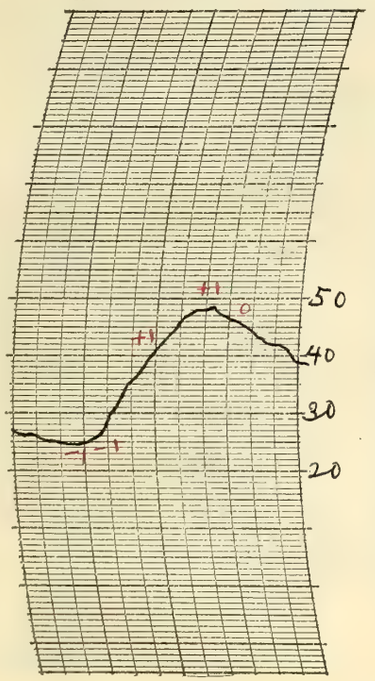
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	24	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 164
Average hourly velocity, 6.8 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 1:56 p.m.
Reduced barometer, 30.38 7 a. m. 30.33 7 p. m.
River gage, 6.8 feet
Relative humidity, 63 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.9 Wet temperature, 32.6
Dew-point, 19 R. humidity, 37 V. pressure, .098
Clouds: Amount, 1; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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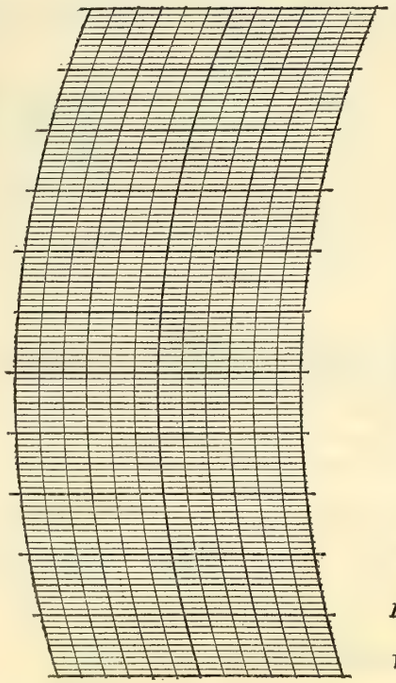
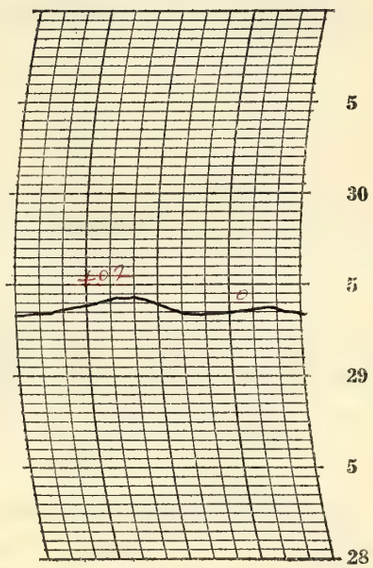


BAROGRAPH.



Prepared by DGP

Verified by P. McDonough

8—486

NOTES

Moonlight in early morning. There was only a small amount of cloudiness during the day. The moon shone for a while in the earlier part of the night but the sky became overcast later.

Temperatures about normal. The relative humidity was low.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 13 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	39	36	37	37	36	38	41	39	34	35	35	35	35	36	36	36	35	36	37	39	42	39
State of weather: Nature of precipitation and time of beginning and ending						RB 550	RE 6:05		SmB 840		SmE 10:30 R B 10:30												R cont'd	
Amounts of precipitation						—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						← Cloudy →																		

Sunrise: Time, 5:56 Character, Cloudy
Moonrise: 9:12p Cloudy

Sunset: Time, 5:45 Character, Cloudy
Moonset: 7:50a Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	SE	E	E	NE	NE	E	E	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	N
Wind movement	4	4	3	6	8	6	12	15	11	12	16	18	17	12	12	15	14	10	12	10	10	7	8	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

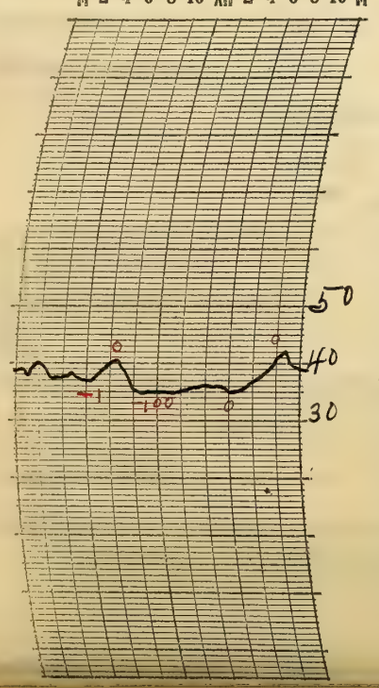
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., T* inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 1.56 ins.
Total precipitation, midnight to midnight, 2.62° inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 23
Maximum velocity, 27 Direction, NE
Time began, 11:27 am.
Reduced barometer, 30.14 7 a. m. 29.84 7 p. m.
River gage, 6.2 feet
Relative humidity, 79 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.6 Wet temperature, 34.6
Dew-point, 35 R. humidity, 100 V. pressure, .203
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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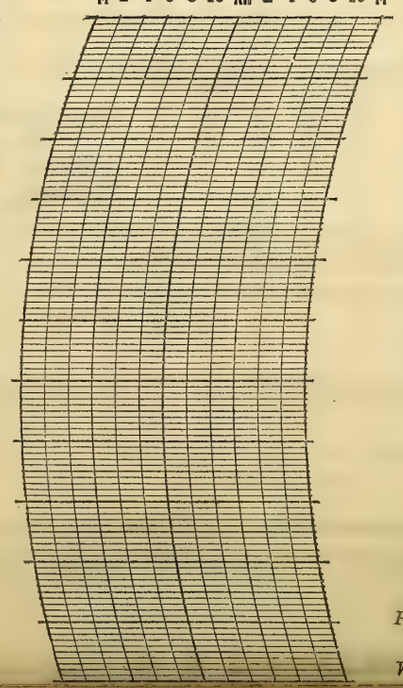
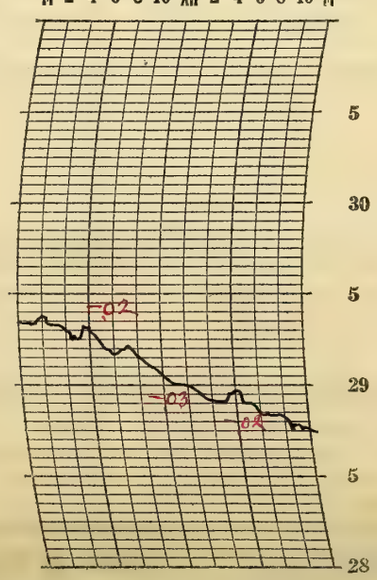


BAROGRAPH.



Prepared by OEK.
Verified by P. McDonough

* Melted as it fell. ° Estimated

NOTES

A small shower fell about daylight. Snow, in very large flakes, fell in the forenoon, turning to rain about 10:30 am. The rain continued past midnight, being quite heavy at times. Rainfall to 1:00 pm 0.60 in, measured; to 7:00 p.m. 0.96 in measured; to midnight, 1.06 in, estimated.

Chicago called for 2 pm (75 m+) special observation.

Cold wave warning for Saturday night received at Western Union 8:48 pm. Minimum temperature indicated 10° to 15° above.

At 7 pm a statement was issued that river would probably pass flood stage Saturday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 14 1925, 192

Time (local standard) 90° mer.° normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	38	39	37	37	37	36	33	31	29	28
State of weather: Nature of precipitation and time of beginning and ending	R contd							RE 7:15	RB 8:35	RE 9:30 SdB 9:30	SdE 11:00	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	5:54 Cloudy											
Moonrise:	10:19p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	E	E	NW	NW	SW	W	W	NW	NW	NW
Wind movement	4	9	4	2	6	4	11	15	15	16	19	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	28	28	27	26	25	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending	SdB 12:30					SdE 5:30						
Amounts of precipitation	—	—	—	—	—	—						
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:46 Cloudy			
Moonset:									8:24a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	17	17	18	17	16	17	16	18	14	14	10	8

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

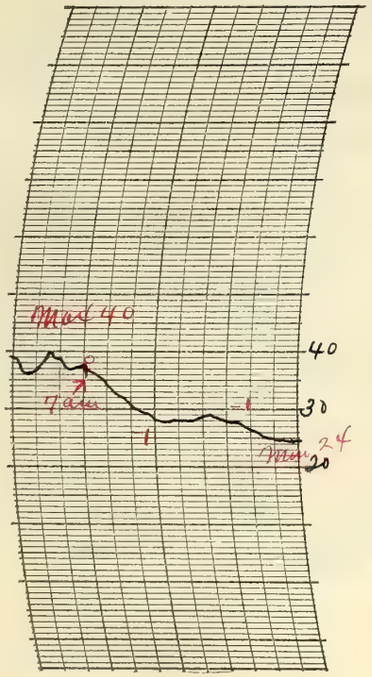
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	24	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 1.12 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 305
Average hourly velocity, 12.7 Extreme velocity, 23
Maximum velocity, 23 Direction, NW
Time began, 10:35 am
Reduced barometer, 29.74 7 a. m. 30.34 7 p. m.
River gage, 18.9 feet
Relative humidity, 98 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.3 Wet temperature, 27.1
Dew-point, 25 R. humidity, 86 V. pressure, .130
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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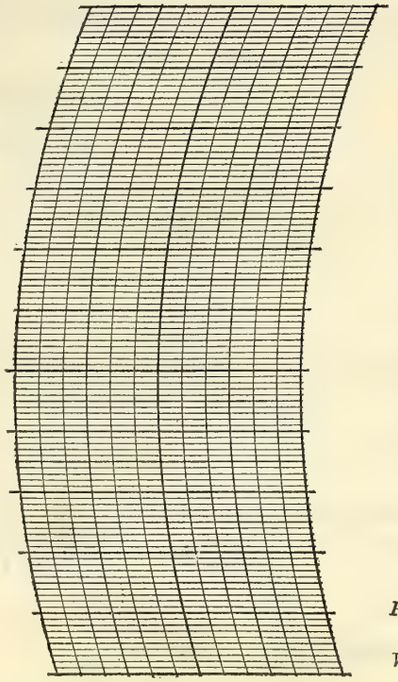
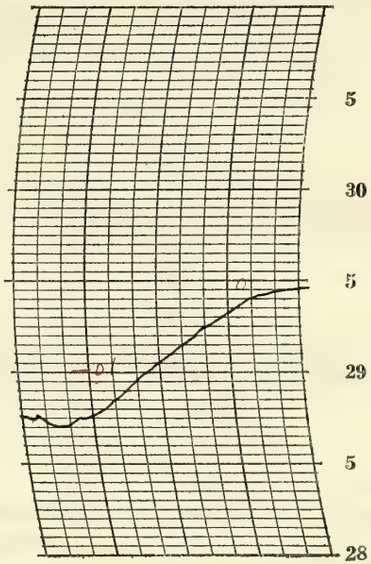


BAROGRAPH.



Prepared by O.E.R.

Verified by C. M. McDonough

8—480

NOTES & Estimated

Light rain continued from the previous date until morning. Light rain and snow occurred in the morning and light snow during the afternoon. The clouds began to break up late at night.

The temperature was highest during the night and it fell slowly after the morning observation.

The river was above the flood stage. Many cellars in the lower districts were flooded and some residents forced to vacate their homes.

A river crest stage of 20 feet was forecast for Sunday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 15 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	22	22	21	22	23	25	28	30	32	33	34	35	36	35	34	33	33	33	32	32	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunshine (in tenths of hours)						12 0	08 02	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	48 0.3						
Wind direction	W	W	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE	SE	S
Wind movement	11	8	7	6	6	5	5	8	8	7	10	10	11	11	10	10	9	9	6	6	6	7	7	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:53 Character, Clear
Moonrise: 11:27p Clear
Sunset: Time, 5:47 Character, Clear
Moonset: 9:01a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

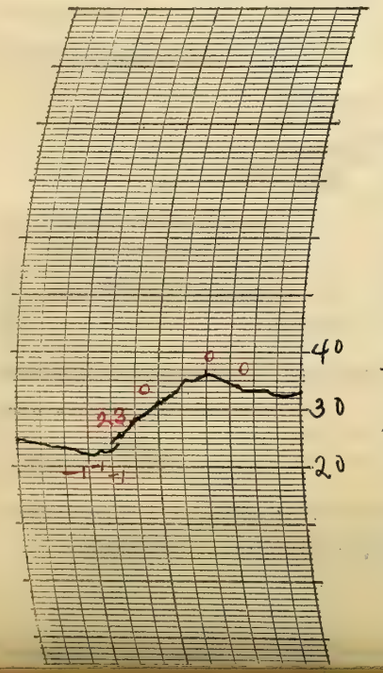
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	21	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.9 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 12:33 p.m.
Reduced barometer, 30.653 7 a. m. 30.437 p. m.
River gage, 19.7 feet
Relative humidity, 93 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.5 Wet temperature, 25.0
Dew-point, 9 R. humidity, 35 V. pressure, 060
Clouds: Amount, 1; Kind, Ci-St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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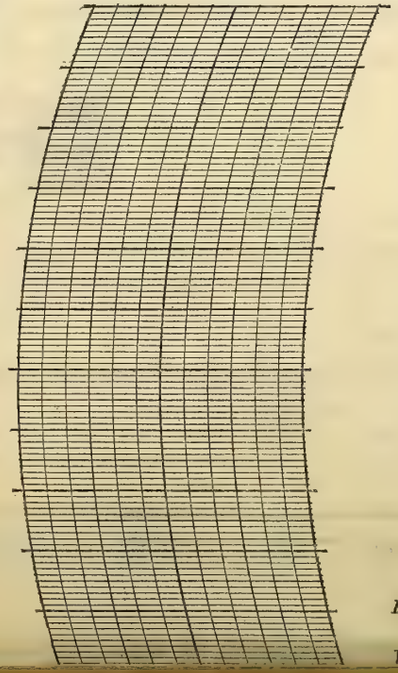
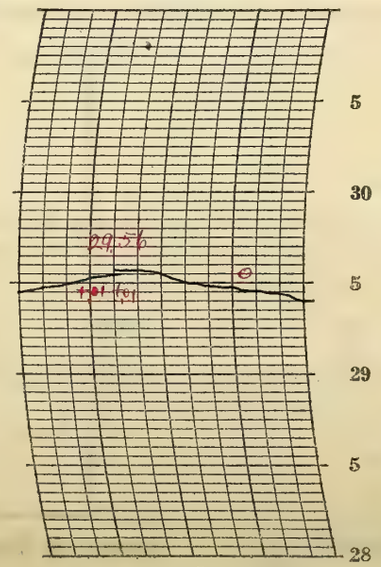


BAROGRAPH.



Prepared by OEP

Verified by PMcGovern

NOTES

The sky was clear all day and into the night. Only a few upper clouds appeared.

A pleasant spring day but a little cool.

Upper and lower arcs of 22° solar halo observed 11:40 am to 12:05 p.m. Parhelia at right and left at about 24° from sun. Upper portion of halo brightly colored red, orange and yellow. There were apparently no clouds in the immediate neighborhood of the sun. Later, about 12:40 p.m, the ci-st clouds formed about the sun and the entire circle of the halo was very bright.

The river continued high to-day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR. 16 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	30	30	30	34	38	41	44	45	47	49	53	52	52	50	49	49	48	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	S	S	S	S
Wind movement	10	9	10	6	8	9	10	13	13	17	14	15	15	14	13	14	12	11	8	10	17	11	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudiness: ← Clear → (A.M.); ← Cloudy → (P.M.)

Sunrise: Time, 5:51; Character, Clear

Moonrise: —

Sunset: Time, 5:48; Character, Cloudy

Moonset: 9:43 a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	30	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 92

Prevailing wind direction, S Total wind, 278

Average hourly velocity, 11.6 Extreme velocity, 22

Maximum velocity, 19 Direction, S

Time began, 9:46 a.m.

Reduced barometer, 30.33 7 a. m. 30.09 7 p. m.

River gage, 19.0 feet

Relative humidity, 76 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

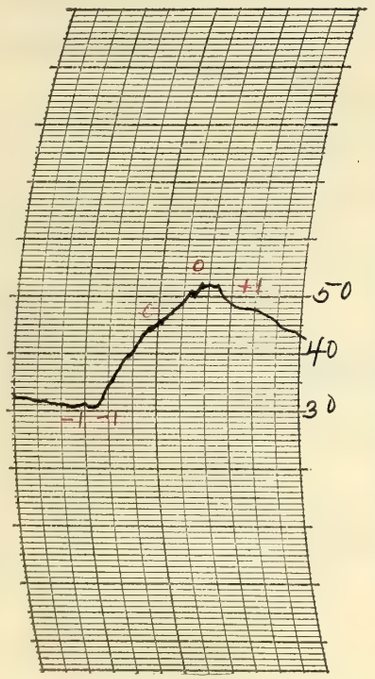
Dry temperature, 45.0 Wet temperature, 38.0

Dew-point, 29 R. humidity, 52 V. pressure, 157

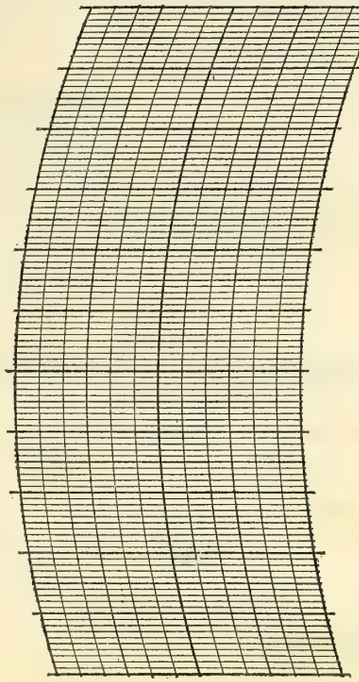
Clouds: Amount, 1; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

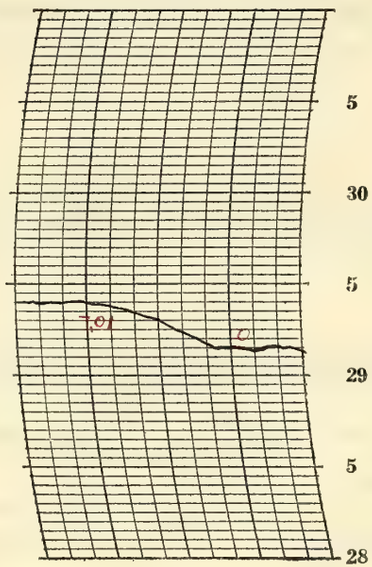
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.R.

Verified by P. McDonough

8—486

NOTES

Only a small amount of thin upper clouds prevailed during the day but the sky became over cast after nightfall and it continued cloudy into the night.

The temperature rose rapidly and it became warm and pleasant in the afternoon.

The river was still above flood stage but was falling slowly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 17 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	40	39	40	41	44	47	49	50	54	57	57	58	56	54	53	51	51	48	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear							Pt cldy					
Sunshine (in tenths of hours)						0 (.18)	0 (.10)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1						
Wind direction	S	S	S	S	S	SW	S	SW	SW	SW	SW	SW	S	S	S	S	S	SE	E	E	SE	S	S	S
Wind movement	7	6	7	6	8	6	6	7	7	8	8	10	7	7	7	3	8	5	4	3	6	9	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:49; Character, Clear
Moonrise: 12:33a Cloudy
Sunset: Time, 5:50; Character, Cloudy
Moonset: 10:33a Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter 11:22 am
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.3 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 11:23 a m.
Reduced barometer, 30.03 7 a. m. 30.05 7 p. m.
River gage, 17.1 feet
Relative humidity, 90 7 a. m. 61 7 p. m.

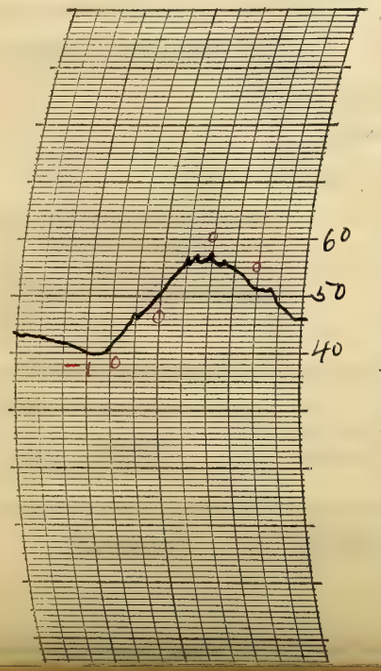
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

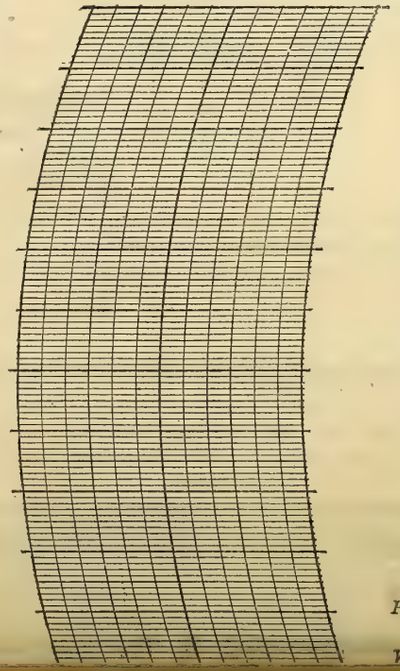
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.4 Wet temperature, 43.2
Dew-point, 35 R. humidity, 55 V. pressure; 2.03
Clouds: Amount, 1; Kind, St+Cu; Direction, SW
Velocity of clouds (miles per hour)

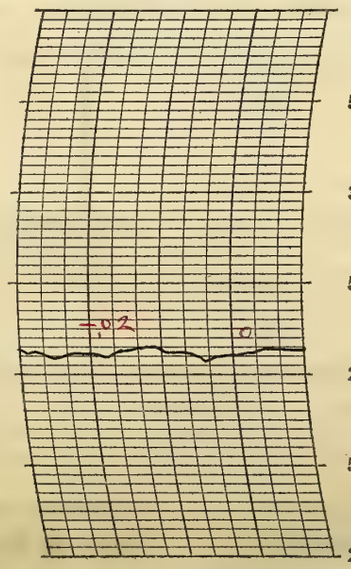
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

The sky had been cloudy in the early morning but the clouds disappeared rapidly just before sun rise. There was only a small amount of cloudiness during the day. At night the sky became partly overcast. Brighter stars visible through the clouds.

The weather was warm and pleasant for the season.

The river was still above flood stage at 7 am but was falling rapidly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 18 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	43	42	42	43	45	49	53	50
Nature of precipitation and time of beginning and ending												RB 11:10
Amounts of precipitation												-
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.4	0
Wind direction	S	S	S	E	E	E	E	E	E	E	NE	NE
Wind movement	2	2	1	3	4	5	6	6	4	5	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	47	47	46	45	44	43	41	37	35
Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	-	-	R cont'd	
Amounts of precipitation	-	-	-	-	-	-	-	-	-	-	-	-
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	N	NE	NE	N	N	N	N	N	NW	NW
Wind movement	7	11	16	11	18	20	24	22	21	17	20	22

Sunrise: Time, 5:48; Character, Cloudy. Moonrise: 1:36a; Cloudy.

Sunset: Time, 5:51; Character, Cloudy. Moonset: 11:28a; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time: 30 N 7:45

State of weather.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	35	44	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .80 ins.
Total precipitation, midnight to midnight, 1.20 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.8 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 7
Prevailing wind direction, E Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 35
Maximum velocity, 30 Direction, N
Time began, 7:45 p.m.
Reduced barometer, 30.017 a. m. 29.567 p. m.
River gage, 14.7 feet
Relative humidity, 94 7 a. m. 100 7 p. m.

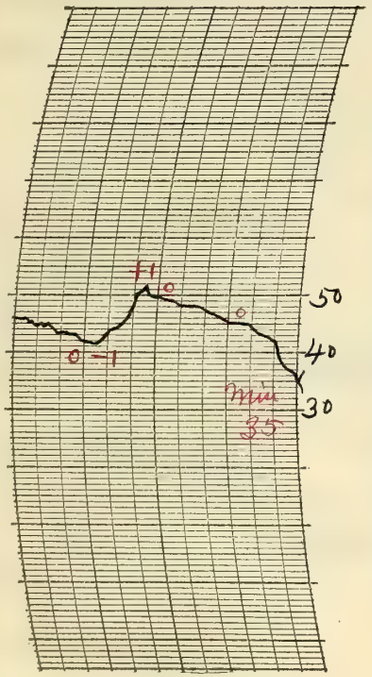
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

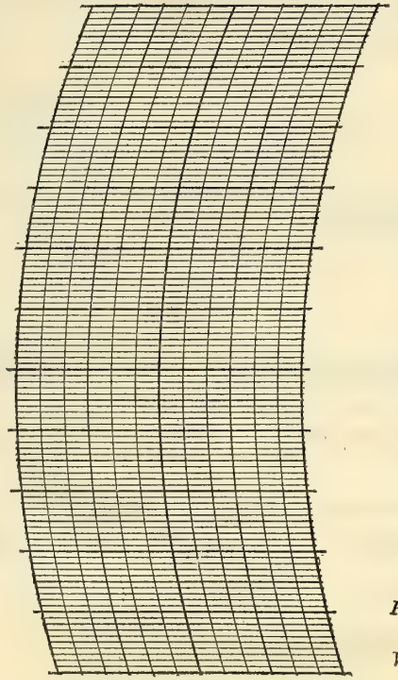
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 49.7 Wet temperature, 47.9
Dew-point, 46 R. humidity, 88 V. pressure, .310
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

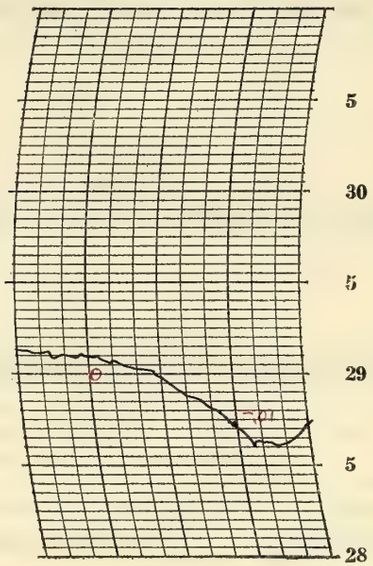
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

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NOTES

* Estimated.

Rain began shortly after 11 am and continued past midnight. The total rainfall by ~~by~~ measurement up to 9:30 p.m was 1.17 inches. A thunderstorm began at 5:06 p.m and continued into the night p.m. There were moderate to brisk winds from northeast and north during afternoon and night.

The river was below flood stage at 7 am and falling rapidly. On account of the prospects for heavy rains a flood warning was issued at 1:30 p.m. The river stage was expected to pass above flood stage during night.

Form No. 1014–Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR. 19 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	34	34	33	33	34	34	35	35	36	38	42	44	47	46	43	42	40	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending		RE DN																						
Amounts of precipitation	—	—																						
Cloudiness and other conditions									Cloudy						Clear				Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.6	1.0	1.0	1.0	0.9	0						
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	24	20	17	16	15	14	14	15	13	14	13	12	9	8	9	7	7	7	5	7	9	11	7

Sunrise: Time, 5:46 Character, Cloudy
Moonrise: 2:35a Cloudy
Sunset: Time, 5:52 Character, Cloudy
Moonset: 12:31p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

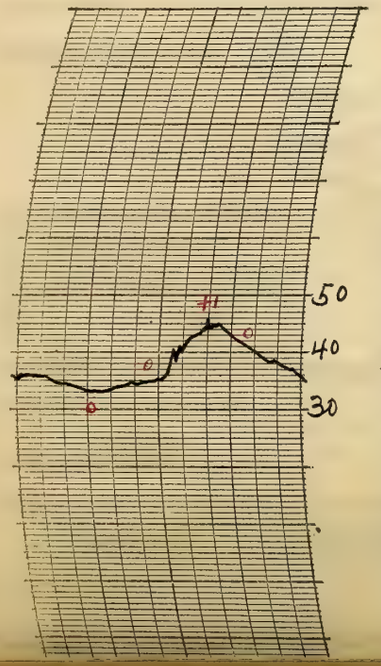
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .40 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.5 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 37
Prevailing wind direction, W Total wind, 295
Average hourly velocity, 12.3 Extreme velocity, 30
Maximum velocity, 27 Direction, NW
Time began, 1:24 am.
Reduced barometer, 30.06 7 a. m. 30.18 7 p. m.
River gage, 17.2 feet at 7 am.
Relative humidity, 88 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 34.5
Dew-point, 32 R. humidity, 85 V. pressure, .180
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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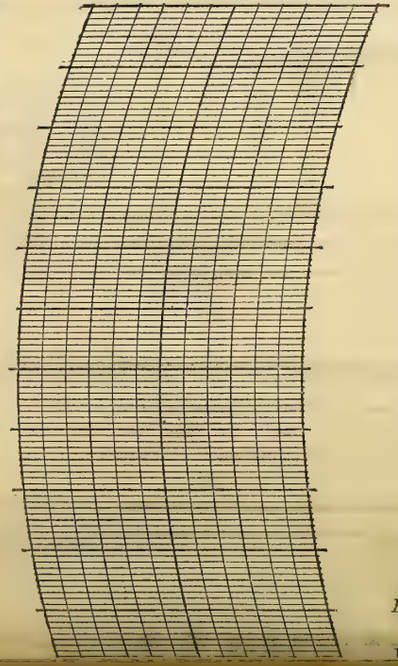
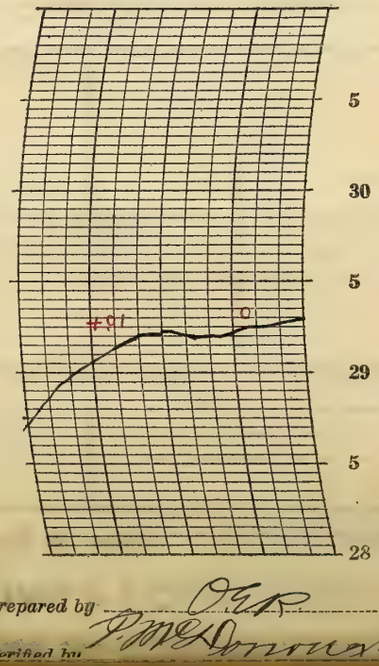


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

The rain from the previous day ended during the night a.m. The sky continued overcast during the forenoon but the clouds began to break up shortly after midday. It was clear for a while in the afternoon but was cloudy again after nightfall. Stars visible through rifts in the clouds.

The temperature was about normal for the season.

The river was above the flood stage to day. The gage was 17.7 feet at 4:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	32	31	31	32	36	40	44	46	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)						27 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	W	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	7	9	9	7	5	5	5	6	5	10	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	51	53	52	51	49	48	46	45	44	44	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0.1						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	14	15	15	16	14	15	17	16	16	17	15

Sunrise: Time, 5:44 Character, Clear
Moonrise: 3:26a Clear
Sunset: Time, 5:53 Character, Cloudy
Moonset: 1:37p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

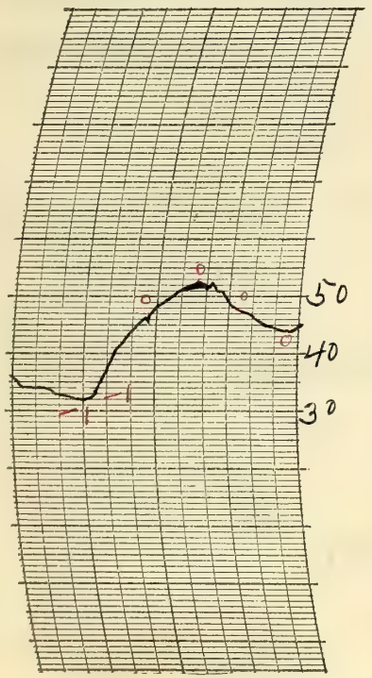
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 90
Prevailing wind direction, S Total wind, 274
Average hourly velocity, 11.4 Extreme velocity, 21
Maximum velocity, 19 Direction, S
Time began, 3:56 p.m.
Reduced barometer, 30.39 7 a.m. 30.21 7 p.m.
River gage, 16.3 feet
Relative humidity, 77 7 a.m. 53 7 p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.5 Wet temperature, 39.0
Dew-point, 28 R. humidity, 44 V. pressure, .150
Clouds: Amount, 1; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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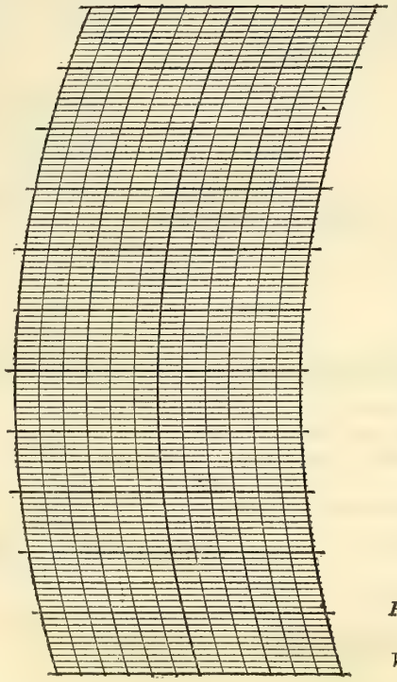
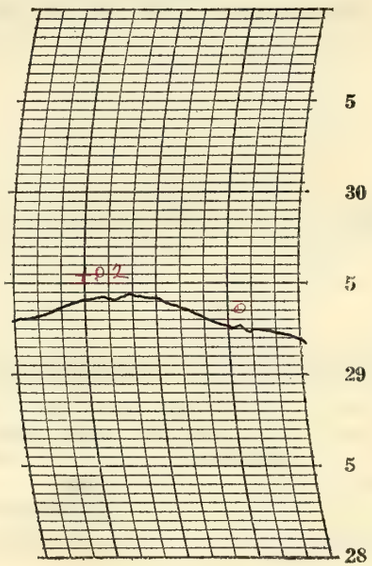


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

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NOTES By Observation

Vernal Equinox — spring commences — 9:13 p.m.

The sky was clear except for a while in the late afternoon when it became partly cloudy. It was clear again at night. Stars bright.

The temperature rose rapidly and it became quite pleasant in the afternoon.

The river was above the flood stage at 7:am but was falling rapidly.

Form No. 1014-McU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 21 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	48	50	49	48	47	50	53	50	46	45	42	44	44	44	42	41	40	39	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy						PC	Cldy					Clear						
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	18	18	19	19	21	18	15	19	18	23	25	24	22	21	17	17	15	10	6	5	2	4	4	4

Sunrise: Time, 5:43 Character, Cloudy
Moonrise: 4:12a Cloudy
Sunset: Time, 5:54 Character, Clear
Moonset: 2:46p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

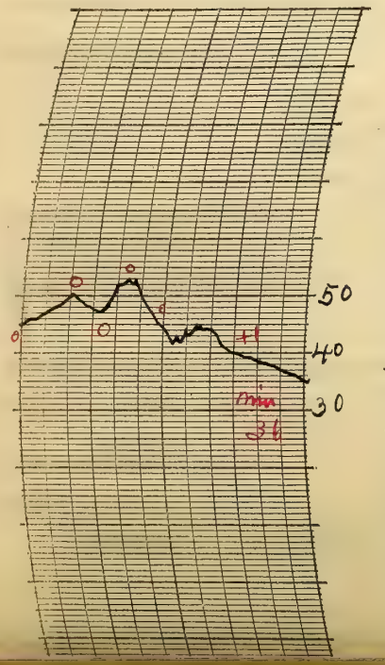
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.5 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 86
Prevailing wind direction, NW Total wind, 364
Average hourly velocity, 15.2 Extreme velocity, 34
Maximum velocity, 28 Direction, NW
Time began, 10:17 am
Reduced barometer, 30.01 a. m. 30.31 p. m.
River gage, 13.5 fall
Relative humidity, 68 a. m. 72 p. m.

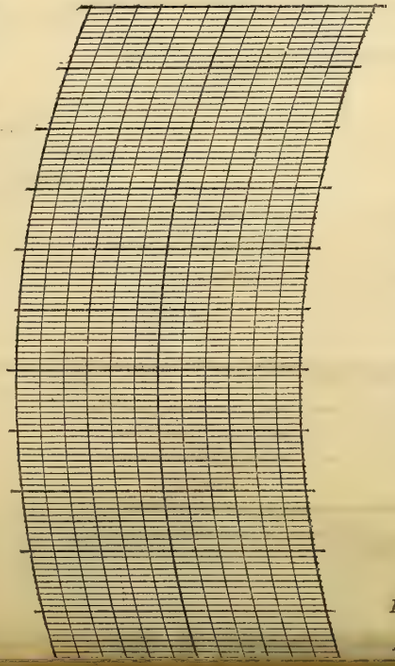
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.2 Wet temperature, 38.8
Dew-point, 30 R. humidity, 56 V. pressure, .164
Clouds: Amount, 4; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

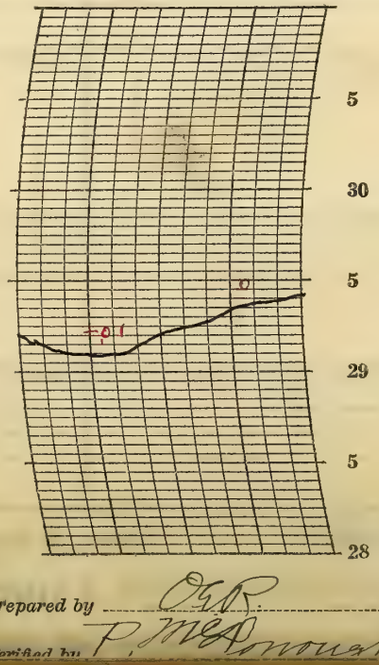
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

Decreasing cloudiness from early morning. Clear into the night. Stars bright.
The temperature rose for a while in the forenoon and then fell gradually.
A strong wind from the west and northwest was rather chilly in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 22 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	32	33	36	38	40	41	44	46	47	47	49	47	46	45	43	41	40	37	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Clear											
Sunshine (in tenths of hours)						0 (.32)	0.2 (.04)	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 (.62)						
Wind direction	N	N	N	N	N	NE	NE	E	E	E	E	E	NE	NE	NW	N	N	N	NE	E	NE	E	E	SE
Wind movement	4	2	4	3	3	4	4	5	6	7	6	5	4	5	5	5	4	3	3	2	4	4	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:41 Character, Clear
Moonrise: 4:52a Clear
Sunset: Time, 5:55 Character, Clear
Moonset: 3:56p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

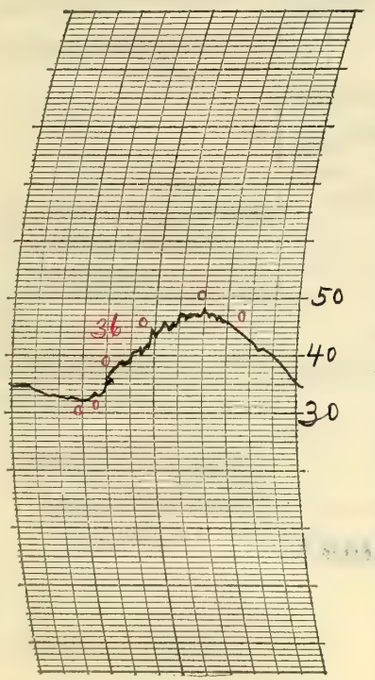
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 95
Prevailing wind direction, N-E Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 9:27 am
Reduced barometer, 30.43 7 a. m. 30.38 7 p. m.
River gage, 10.9 feet
Relative humidity, 71 7 a. m. 45 7 p. m.

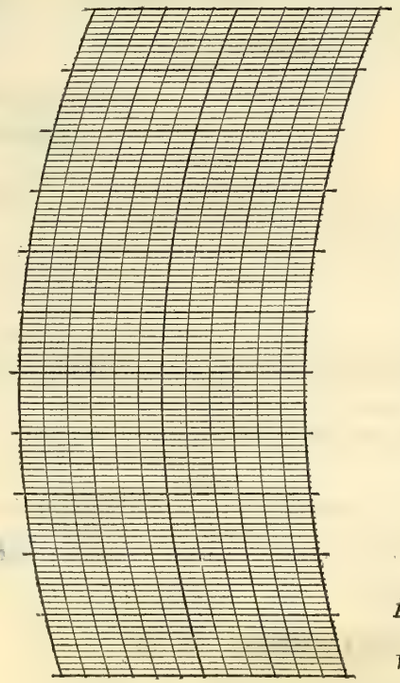
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.5 Wet temperature, 36.5
Dew-point, 25 R. humidity, 44 V. pressure, .130
Clouds: Amount, 1 (Few); Kind, St. cu. (a cu); Direction, N (W)
Velocity of clouds (miles per hour)

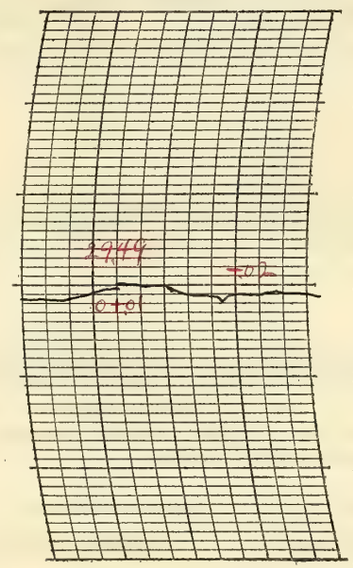
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDougal

8—486

NOTES

The sky was clear except for a while in the early forenoon when it was partly cloudy.

A very pleasant day with temperatures about seasonal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	32	31	30	32	36	41	46	48	50	54	55	58	57	56	54	53	51	50	49	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	SE	SE	E	E	E	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	SE	S	S	S	S	S	S
Wind movement	5	4	3	5	5	5	5	6	6	10	11	11	13	13	11	13	12	9	8	9	10	11	13	14

Sunrise: Time, 5:39 Character, Clear
Moonrise: 5:27a Clear

Sunset: Time, 5:56 Character, Clear
Moonset: 5:05p Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 212
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 1:52 p. m.
Reduced barometer, 30.417 a. m. 30.237 p. m.
River gage, 9.4 feet
Relative humidity, 84 a. m. 50.7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

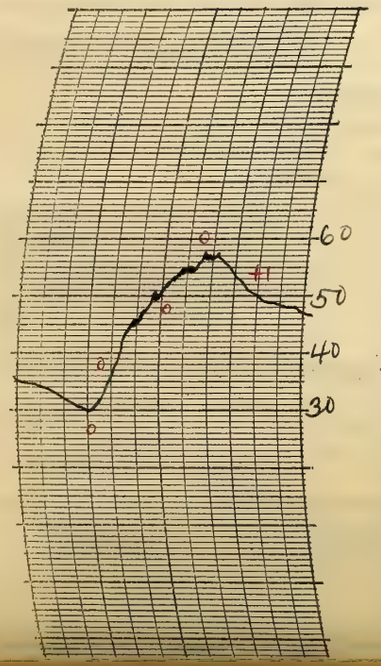
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

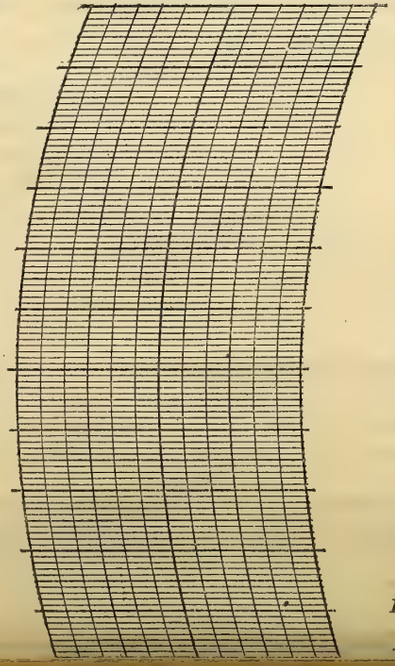
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 40.9
Dew-point, 29 R. humidity, 43 V. pressure, .157
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

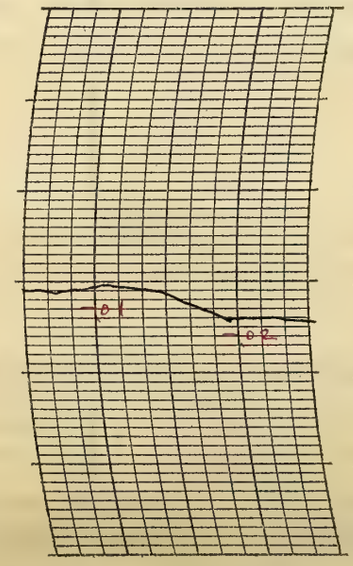
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

The sky was cloudless all day and into the night. There was a light haze during the evening and extending into the night.
The temperature rose rapidly in the forenoon and the afternoon was warm and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR. 24 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	45	45	46	47	51	58	63	65	65
State of weather: Nature of precipitation and time of beginning and ending												RB 11:40 RE 11:50
Amounts of precipitation												
Cloudiness and other conditions					←				Cloudy			
Sunrise: Time, Character, 5:38 Cloudy												
Moonrise: 6:00a Cloudy												
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	0.6	0.1
Wind direction	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW
Wind movement	12	13	12	11	12	13	16	13	14	18	17	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	73	71	70	51	49	48	47	45	43	42
State of weather: Nature of precipitation and time of beginning and ending					RB 4:50	- - -	- - -	- - -	RE 8:20			
Amounts of precipitation												
Cloudiness and other conditions			X	Pt cldy	X		Cloudy			X	Pt cldy	→
Sunset: Time, Character, 5:57 Cloudy												
Moonset: 6:12p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0						
Wind direction	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW
Wind movement	20	23	25	25	21	19	13	8	8	8	9	7
Maximum velocities (exceeding 29 miles) direction and time					30 NW 4:42							

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	42	58	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .20 inches
Character of day, Cloudy Moon phase, New moon 8:03 am
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.8 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind, 353
Average hourly velocity, 14.7 Extreme velocity, 34
Maximum velocity, 30 Direction, NW
Time began, 4:42 p.m.
Reduced barometer, 30.14 a. m. 30.07 p. m.
River gage, 8.6 feet
Relative humidity, 57 a. m. 87 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

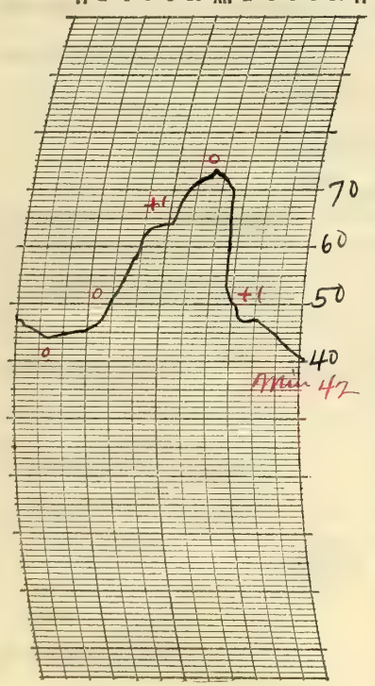
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.7 Wet temperature, 51.9
Dew-point, 40 R. humidity, 40 V. pressure, 247
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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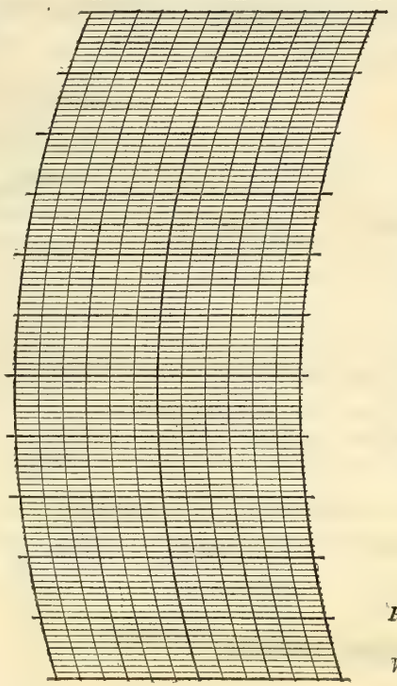
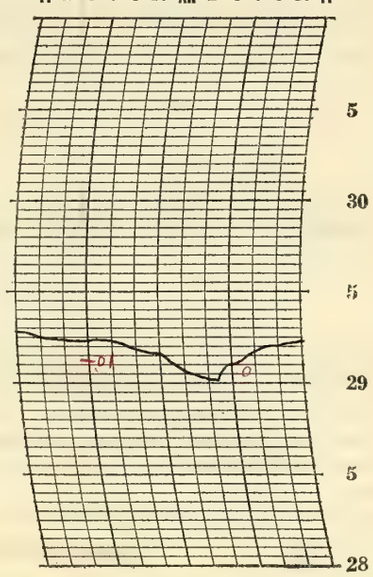


BAROGRAPH.



Prepared by O.H.P.

Verified by P. McDonough

8—486

NOTES

The sky was overcast the greater part of the time although the sun shone considerably through the thin upper clouds. A light sprinkle of rain fell just before noon and a moderate shower in the evening during a thunderstorm which lasted from 4:45 p.m. to 8:20 p.m.

It became quite warm in the afternoon but the temperature fell rapidly during the shower in the evening.

Moderate to brisk winds from the southwest in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 25 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	38	36	37	40	45	48	51	55	59	61	63	65	64	62	61	59	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Dense Fog		Light Fog																	
					Pt cloudy						X	Clear	X	Pt cldy	X		Clear							
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5						
Wind direction	N	N	W	W	W	SW	SW	SW	SE	SE	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	6	3	2	1	3	2	1	2	5	7	9	8	8	6	8	5	6	5	3	4	5	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:36 Character, Cloudy
Moonrise: 6:31 a Cloudy
Sunset: Time, 5:58 Character, Clear
Moonset: 7:17 p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

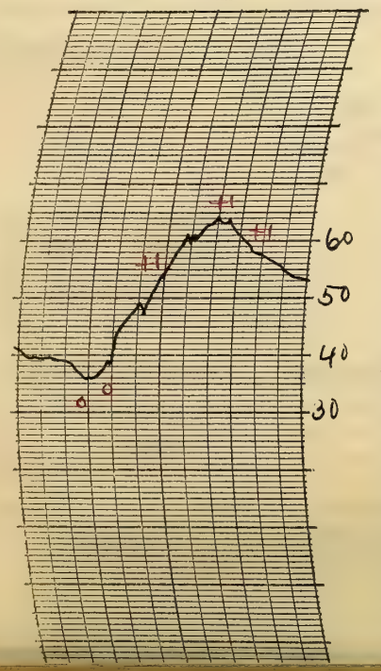
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	36	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 10:26 am
Reduced barometer, 30.20 7 a. m. 29.97 7 p. m.
River gage, 6.9 feet
Relative humidity, 95 7 a. m. 45 7 p. m.

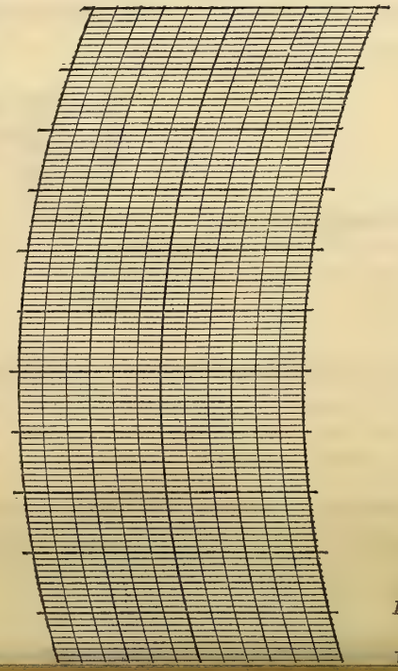
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.4 Wet temperature, 47.1
Dew-point, 39 R. humidity, 53 V. pressure, 237
Clouds: Amount, 3; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

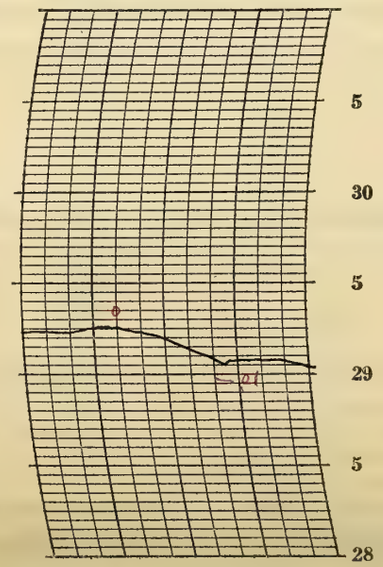
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. P.
Verified by P. M. Dorrough

NOTES

Dense fog began during the night a.m. and became light fog at 6:30 am. The light fog ended about 8:40 am. Thin upper clouds prevailed during the day. The sky was clear at night. Stars bright.
The weather was quite pleasant.

Automatic rain gage installed on roof at 4:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 26 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	57	51	53	55	61	64	67	69	70	72	73	71	65	62	61	57	56	55	51	48
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:40		RE 6:10	RB 7:05 RE 7:30				
Amounts of precipitation																	T	.02	T	T				
Cloudiness and other conditions							Lt Smoke				Lt Haze		Clear						Cloudy					

Sunrise: Time, 5:34 Character, Cloudy
Moonrise: 7:02a Cloudy
Sunset: Time, 5:59 Character, Cloudy
Moonset: 8:21p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0						
Wind direction	S	S	S	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW
Wind movement	7	7	7	9	4	4	6	8	12	12	11	15	17	16	18	20	20	17	17	12	17	15	21	17

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

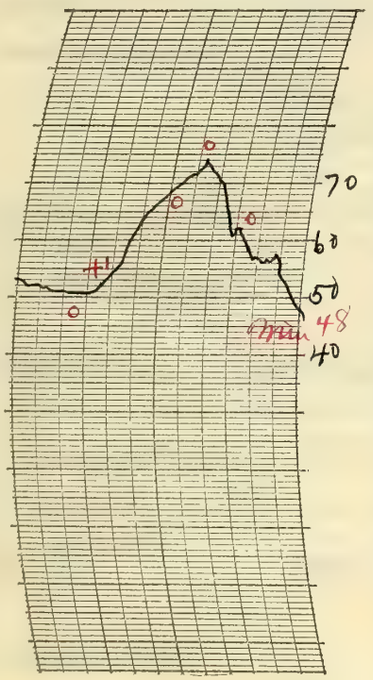
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	48	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind, 309
Average hourly velocity, 12.9 Extreme velocity, 29
Maximum velocity, 27 Direction, SW
Time began, 4:48 p.m.
Reduced barometer, 29.87 7 a. m. 29.66 7 p. m.
River gage, 5.9 feet
Relative humidity, 86 7 a. m. 79 7 p. m.

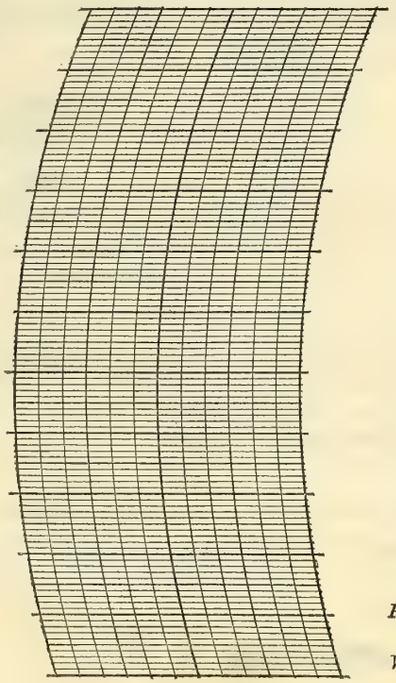
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.7 Wet temperature, 61.5
Dew-point, 57 R. humidity, 67 V. pressure, .465
Clouds: Amount, 6 (Few); Kind, Lt Haze (Cu); Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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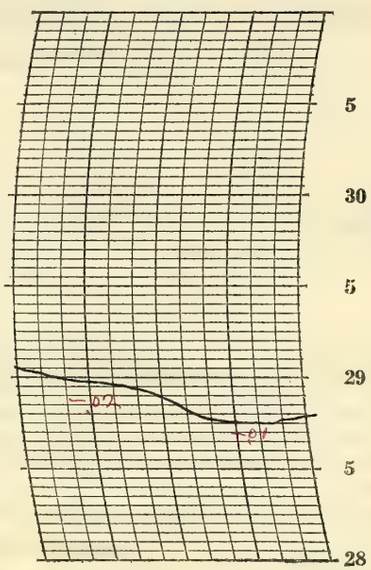

Prepared by D.E.R.

Verified by P. McSweeney

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NOTES

There was light local smoke in the morning and light haze during the middle of the day but the sky was clear until late in the afternoon when a light shower occurred. The clouds continued into the night.

It was warm for the season in the afternoon but the temperature fell rapidly during the shower.

Strong winds from the southwest.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	44	44	44	42	42	44	45	45	44	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				×	Pt	Cldy
Sunshine (in tenths of hours)						45 0	0.4 0.6	1.0	1.0	1.0	0.9	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	15	13	13	17	15	15	15	18	19	20	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	43	43	42	41	40	40	39	37	36
Nature of precipitation and time of beginning and ending		RB 1:27 RE 1:30										
Amounts of precipitation		T										
Cloudiness and other conditions	Cldy			×	Cloudy		×		Clear			→
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.4	0.1	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW
Wind movement	20	22	23	23	18	16	11	10	8	9	10	7

Maximum velocities (exceeding 29 miles) direction and time: 32 NW 3:15

State of weather.

Sunrise: Time, 5:33 Character, Clear
Moonrise: 7:34a Clear

Sunset: Time, 6:00 Character, Cloudy
Moonset: 9:23p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

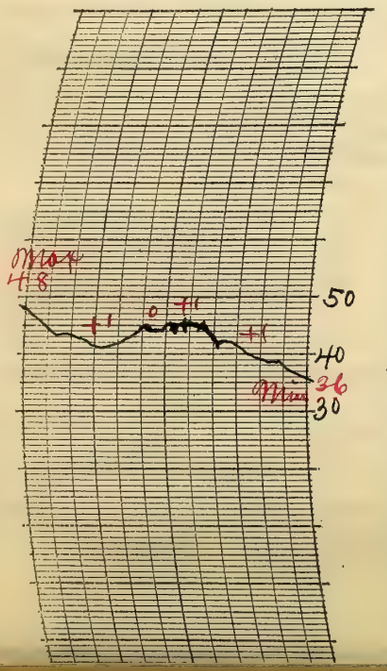
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind, 370
Average hourly velocity, 15.4 Extreme velocity, 34
Maximum velocity, 32 Direction, NW
Time began, 3:15 p.m.
Reduced barometer, 29.76 7 a. m. 29.92 7 p. m.
River gage, 5.2 feet
Relative humidity, 75 7 a. m. 77 2 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.9 Wet temperature, 40.7
Dew-point, 36 R. humidity, 70 V. pressure, 211
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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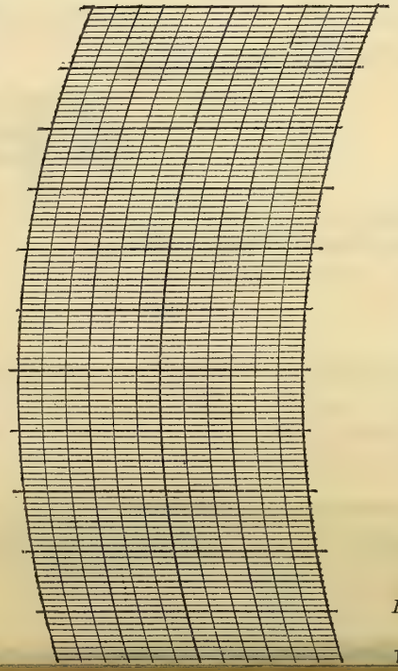
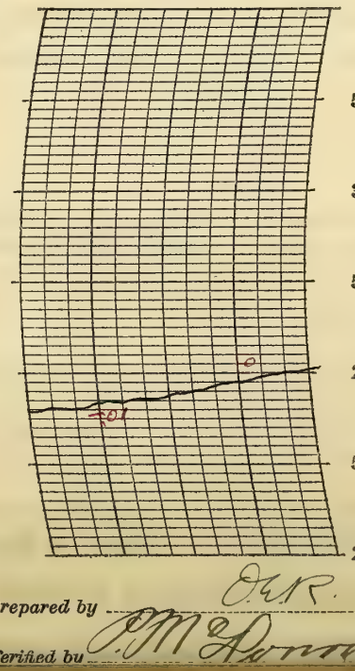


BAROGRAPH.



Prepared by O.R.
Verified by P. McDonough

NOTES

The cloudiness increased from early morning. A light sprinkle of rain occurred in the afternoon and showers threatened at other times from the large cumulus clouds. The sky cleared after nightfall. Stars bright. Thin crescent of moon visible.

Altho the temperature averaged about normal for the season it seemed cool and disagreeable on account of a strong northwest wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 28 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	33	33	34	39	42	44	45	48	49	50	49	48	46	44	41	39	38	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						48 0	04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	04 0.6	02 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	9	10	8	8	8	8	9	15	17	16	20	21	22	24	23	21	15	11	10	8	9	9
Maximum velocities (exceeding 29 miles) direction and time																	30 NW 4:14							

Sunrise: Time, 5:31 Character, Clear
Moonrise: 8:07 a Clear

Sunset: Time, 6:01 Character, Clear
Moonset: 10:23 p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

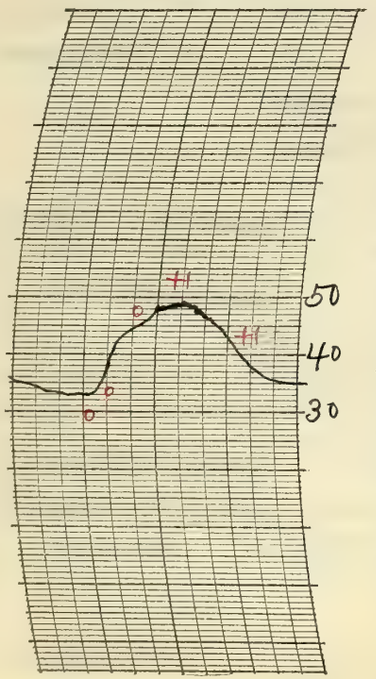
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 315
Average hourly velocity, 13.1 Extreme velocity, 33
Maximum velocity, 30 Direction, NW
Time began, 4:14 p.m.
Reduced barometer, 30.02 7 a. m. 30.06 7 p. m.
River gage, 4.8 feet
Relative humidity, 83 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.3 Wet temperature, 38.8
Dew-point, 26 R. humidity, 39 V. pressure, 13.6
Clouds: Amount, 2; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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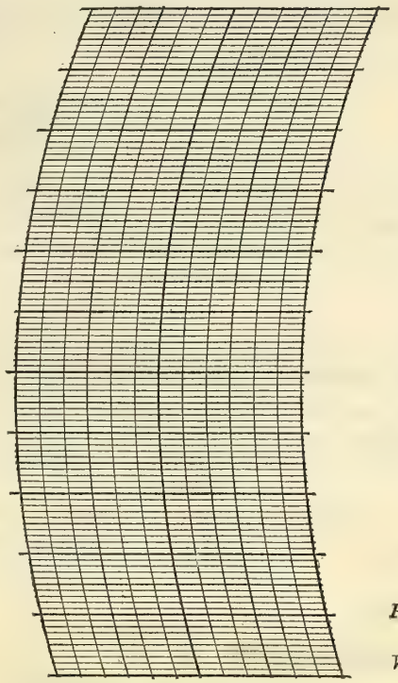
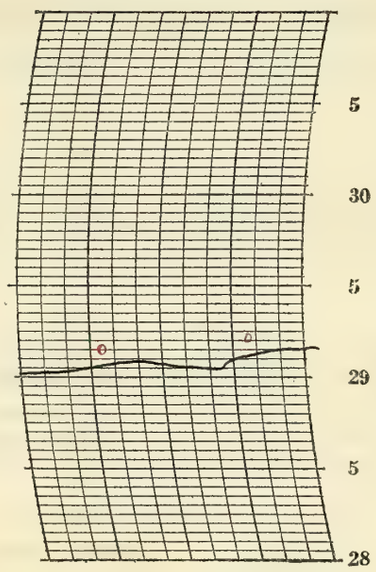


BAROGRAPH.



Prepared by C.E.R.

Verified by P. McGonough

8—486

NOTES

The sky was clear all day and into the night. Stars and moon visible.

The temperature rose rapidly in the morning but fell rapidly after reaching a maximum of 50° in the afternoon. Strong winds from the northwest after about 9 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	30	29	28	27	29	34	36	39	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			×		
Sunrise: Time, Character	5:29 Clear											
Moonrise	8:43a Clear											
Sunshine (in tenths of hours)						52 0	0.3 0.7	1.0	1.0	1.0	0.8	0.2
Wind direction	NW	N	N	N	N	NW	NW	NW	NW	N	N	N
Wind movement	10	8	10	9	10	10	11	15	16	18	19	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	37	36	37	35	34	35	35	35	36	36
Nature of precipitation and time of beginning and ending			SmB 2:35	SmE 3:30			RB 6:03	RE 7:40				
Amounts of precipitation			T	T			T	T				
Cloudiness and other conditions			Cloudy							>		
Sunset: Time, Character									6:02 Cloudy			
Moonset									11:21 p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	NE	N	NE	N
Wind movement	15	13	13	10	11	10	7	10	11	11	13	13

Maximum velocities (exceeding 29 miles) direction and time.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	27	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy; moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.5 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 44
Prevailing wind direction, N Total wind, 289
Average hourly velocity, 12.0 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 10:08 am.
Reduced barometer, 30.10 7 a. m. 30.11 7 p. m.
River gage, 4.2 feet
Relative humidity, 72 7 a. m. 86 7 p. m.

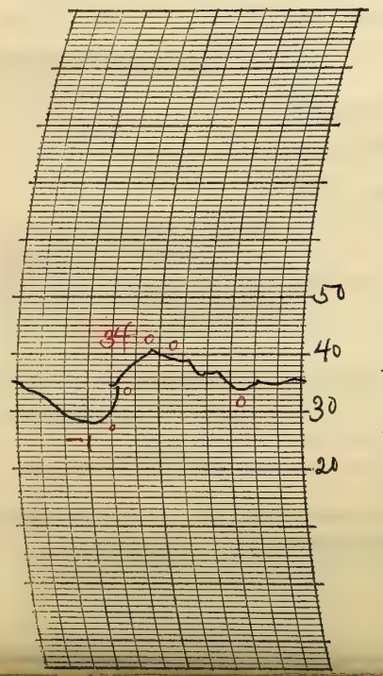
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 39.7 Wet temperature, 34.0
Dew-point, 26 R. humidity, 55 V. pressure, 30.36
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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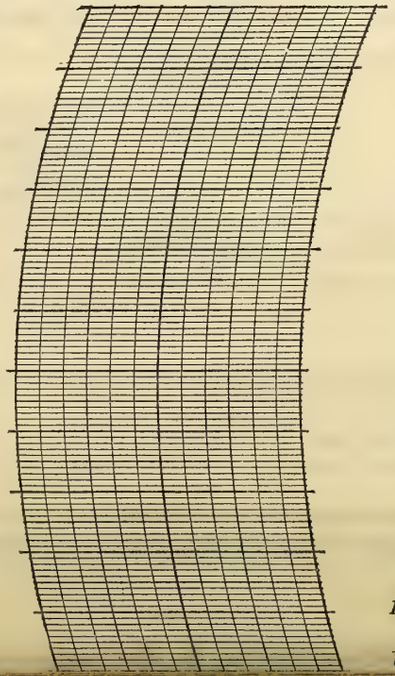
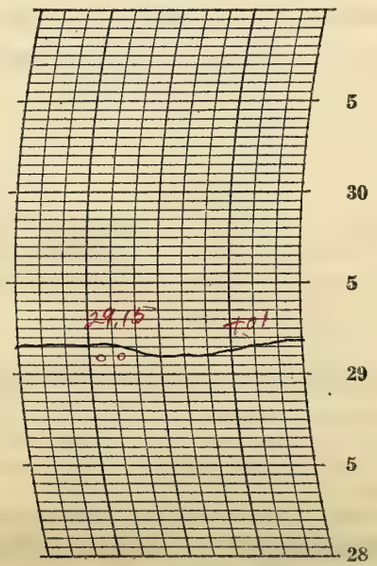


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was clear in the early part of the day. Clouds came in from the north quite rapidly between 9 am and 10 am and the sky remained overcast the rest of the day and into the night. Light snow flurries occurred in the afternoon and light rain in the evening.

The temperature was low for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	36	36	36	36	36	36	35	35	37	41	45	49	52	52	50	49	46	44	42	38	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy						Pt cloudy					Clear				
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.5	1.0	1.0	1.0	1.0	0.8	0.5 0.4	.05 0					
Wind direction	NE	NE	N	N	N	N	N	N	NE	N	NE	N	N	N	N	N	NE	N	N	NE	NE	NE	NE	N
Wind movement	12	9	7	7	7	7	12	10	11	9	10	9	9	12	12	16	13	12	8	12	9	12	8	4

Sunrise: Time, 5:28 Character, Cloudy
Moonrise: 9:22a Cloudy
Sunset: Time, 6:03 Character, Clear
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

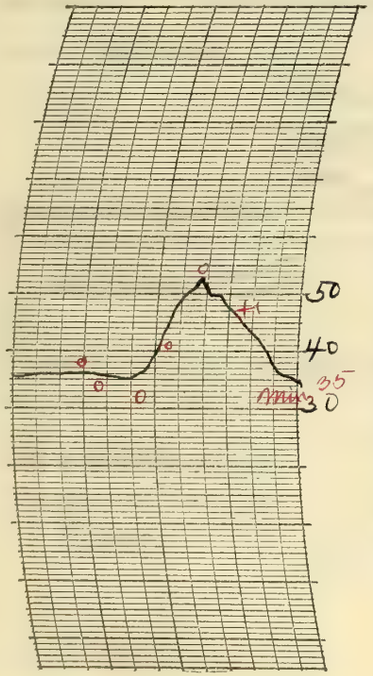
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.2 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 49
Prevailing wind direction, N Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 21
Maximum velocity, 20 Direction, NE
Time began, 4:53 P.M.
Reduced barometer, 30.23 7 a. m. 30.23 7 p. m.
River gage, 3.8 fus
Relative humidity, 89 7 a. m. 65 7 p. m.

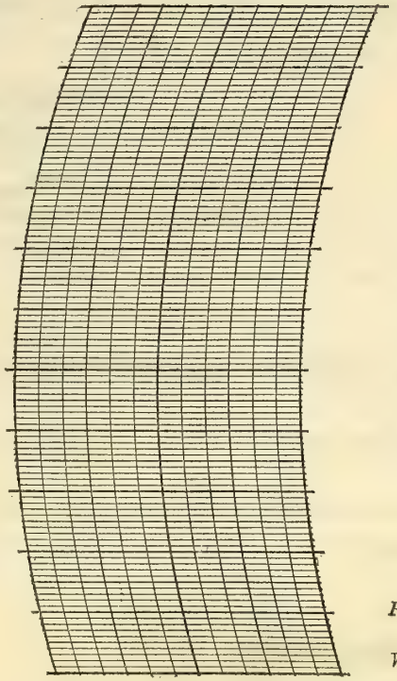
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.9 Wet temperature, 38.1
Dew-point, 34 R. humidity, 78 V. pressure, 195
Clouds: Amount, 6; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

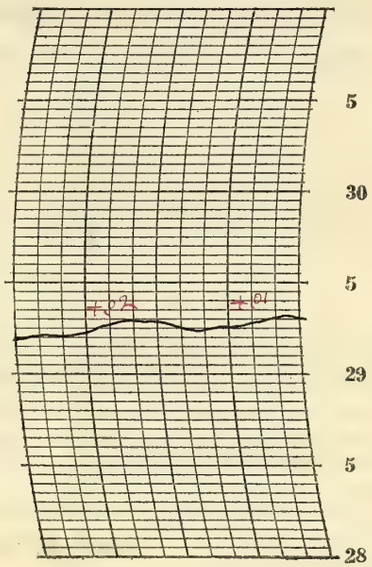
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.R.P.

Verified by P. McDonough

8—486

NOTES

The sky was entirely overcast during the forenoon, partly overcast in the afternoon and clear at night. Stars and moon bright.

The temperature changed very little during the first half of the 24 hours. It became warmer in the afternoon and the average temperature for the day was about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 3 1 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	31	31	31	34	35	37	39	41	43	45	47	48	48	49	48	46	44	43	42	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						57 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7 0.3	0.7 0					
Wind direction	N	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	NW	N	N
Wind movement	5	6	8	7	8	7	9	13	14	12	12	13	12	10	10	10	9	8	6	5	6	5	5	4

Clear

Sunrise: Time, 5:26 Character, Clear
Moonrise: 10:06a Clear

Sunset: Time, 6:04 Character, Clear
Moonset: 12:14a Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

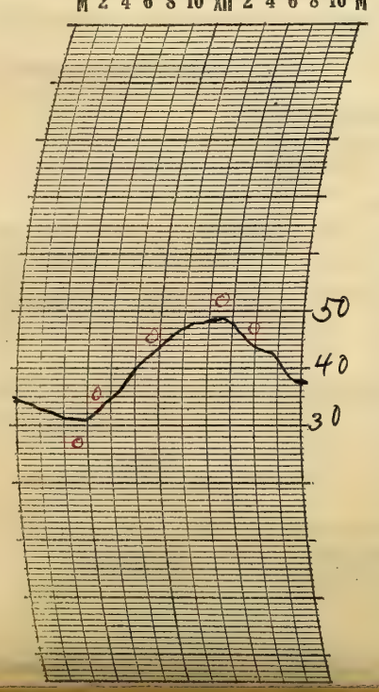
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 99
Prevailing wind direction, N Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, NE
Time began, 8:16 a.m.
Reduced barometer, 30.25 7 a. m. 30.16 7 p. m.
River gage, 3.6 feet
Relative humidity, 60 7 a. m. 59 7 p. m.

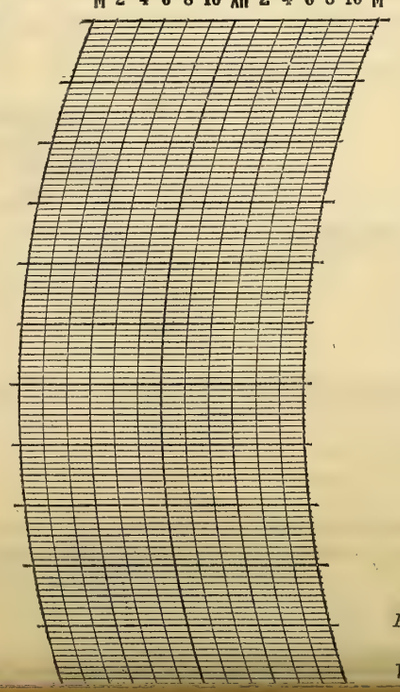
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.3 Wet temperature, 35.8
Dew-point, 25 R. humidity, 46 V. pressure, .130
Clouds: Amount, Few; Kind, Stcu; Direction, NE
Velocity of clouds (miles per hour)

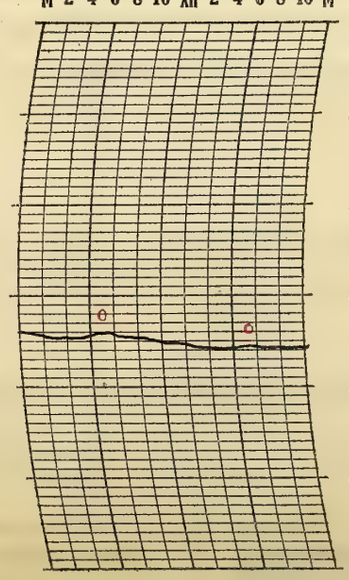
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P.McDonough

NOTES

The sky was clear all day with only a small amount of clouds in the afternoon. Clear into the night. Stars bright; pale moonlight.

The weather was pleasant although it was a little cool. The relative humidity was low.

The dam across the Maumee River just above the river gage was closed for the first time late to day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 1 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	33	34	32	30	34	38	42	46	49	51	53	54	55	57	57	55	51	47	44	43	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunrise: Time, 5:24 Character, Clear																					Sunset: Time, 6:06 Character, Clear			
Moonrise: 10:54a Clear																					Moonset: 1:04a Clear			
Sunshine (in tenths of hours)						6.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	1.0 0					
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	N	NW	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	5	4	4	6	8	13	11	12	16	14	14	12	12	13	13	11	14	10	9	9	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, 4th first Quarter 2:12 a.m.
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 236
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 18 Direction, NW
Time began, 10:44 a m.
Reduced barometer, 30.11 7 a. m. 29.95 7 p. m.
River gage, 1.6 feet (free due to closing of dam)
Relative humidity, 72 7 a. m. 49 7 p. m.

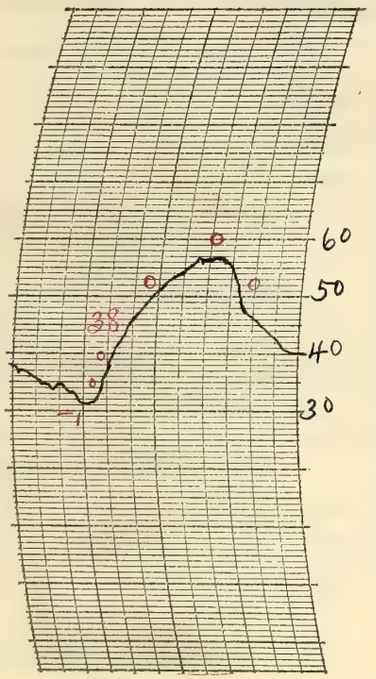
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

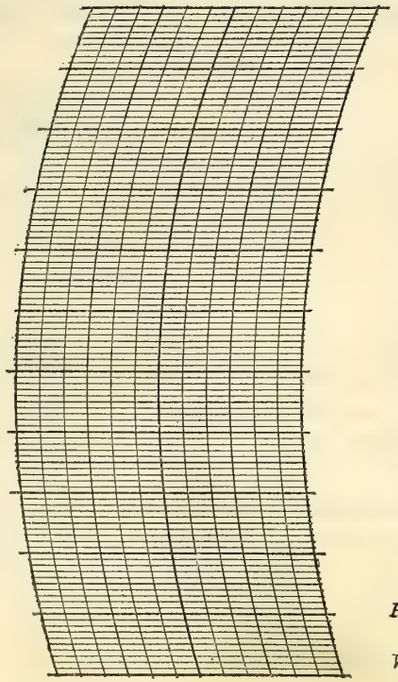
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.9 Wet temperature, 40.1
Dew-point, 25 R. humidity, 36 V. pressure, 130
Clouds: Amount, Few; Kind, Strat.; Direction, N
Velocity of clouds (miles per hour)

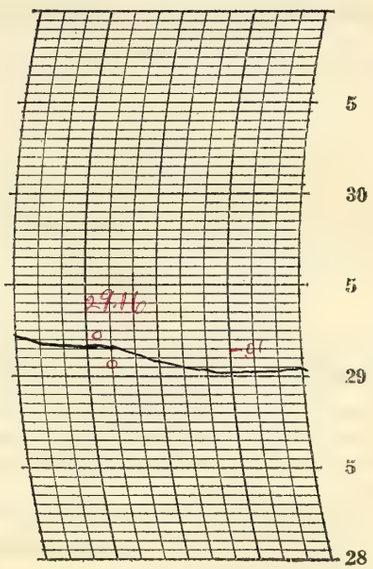
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by C. M. McDonough

8—486

NOTES

Killing frost in early morning.

The sky was entirely cloudless except for a very few lower clouds about noon. Stars bright. Pale moonlight.

The weather was pleasant although the northwest wind was chilly. The relative humidity was low.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 2 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	38	37	37	38	43	46	50	53	55	56	58	59	59	58	57	55	52	50	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						.62 0	.01 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06 0.4	.12 0					
Wind direction	NW	NW	N	NW	N	N	N	N	NE	NE	N	NE	NE	NE	NE	N	NE	N	NE	NE	E	E	E	E
Wind movement	8	8	8	8	8	8	9	10	9	12	11	12	13	11	10	9	10	8	8	9	7	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:23 Character, Clear
Moonrise: 11:46 a Clear
Sunset: Time, 6:07 Character, Clear
Moonset: 11:50 a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

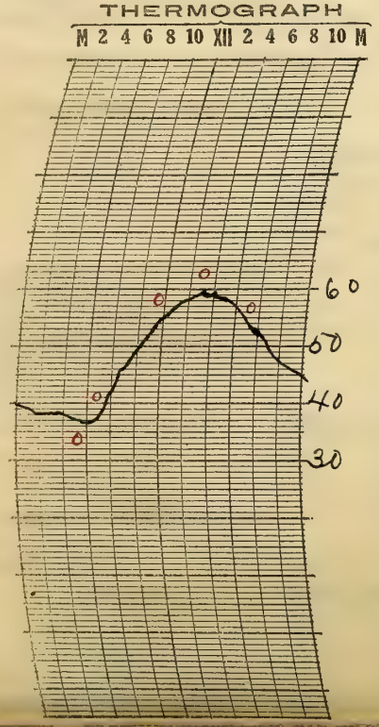
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 20
Maximum velocity, 17 Direction, NE
Time began, 11:38 am
Reduced barometer, 29.98 7 a. m. 30.04 7 p. m.
River gage, 2.9 feet
Relative humidity, 56 7 a. m. 49 7 p. m.

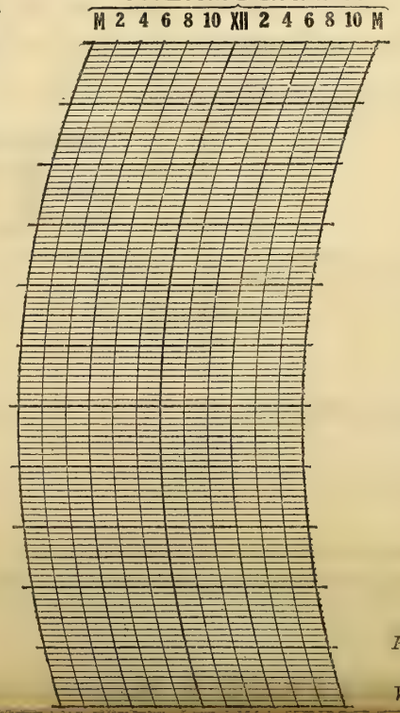
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.1 Wet temperature, 44.2
Dew-point, 31 R. humidity, 40 V. pressure, .172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

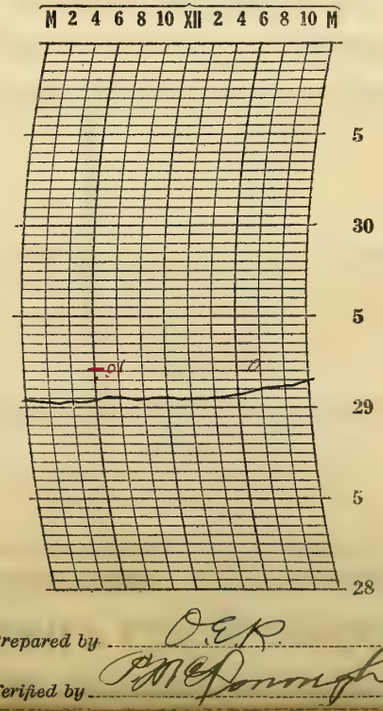
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P.M. McDonough

NOTES

Only a few clouds appeared during the day. Clear at night with moonlight. Real pleasant weather for the season. Low relative humidity

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 3 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	41	40	39	38	37	40	45	50	50	52	53	55	57	59	60	59	57	56	55	54	52	51	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear						X	← Light smoke	Pt cloudy					>
Sunshine (in tenths of hours)						0.65	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	NE	NE	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	3	5	4	4	4	3	3	3	3	6	7	8	6	7	7	7	10	6	3	2	2	2	1	1

Sunrise: Time, 5:21 Character, Clear
Moonrise: 12:41p Clear
Sunset: Time, 6:08 Character, Cloudy
Moonset: 2:32a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

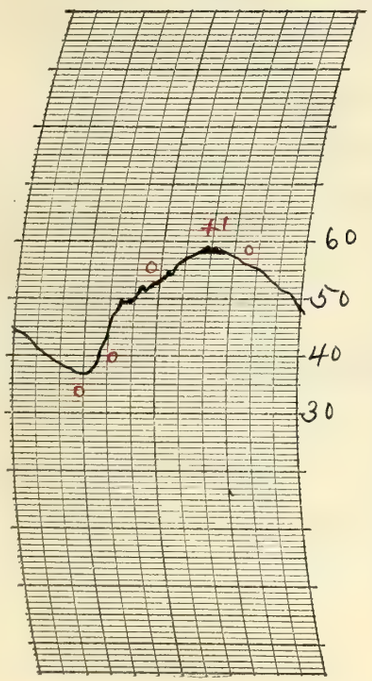
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.4 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 89
Prevailing wind direction, E Total wind, 107
Average hourly velocity, 4.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 4:01 p.m.
Reduced barometer, 30.16 7 a. m. 30.11 7 p. m.
River gage, 2.8 feet
Relative humidity, 84 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 44.1
Dew-point, 34, R. humidity, 47 V. pressure, 1.95
Clouds: Amount, Few; Kind, Strat cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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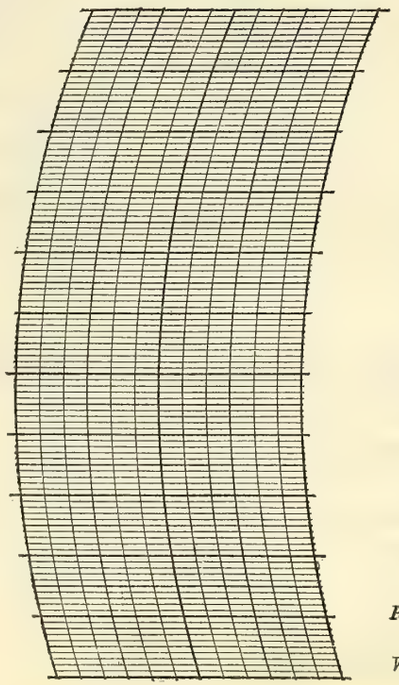
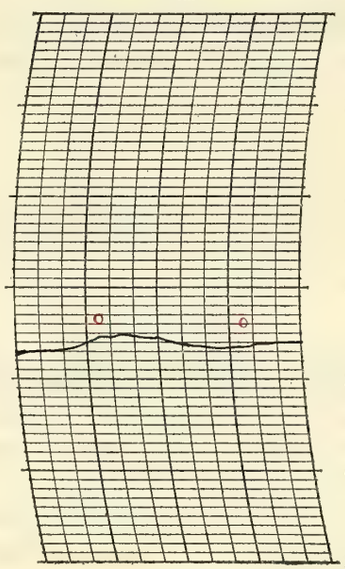


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The upper clouds increased in the late afternoon and the sky was partly cloudy into the night. Pale moonlight.

The weather was quite pleasant.

There was light, local smoke in the evening.

Solar halo, 22° radius, (small portion) with parhelia at right of sun was observed about 4:40 p.m. The upper half of the halo was visible at intervals until about 5:20 p.m.

Lunar halo, 22° radius, was observed from 7:10 p.m. until after 9:00 p.m. The whole circle appeared.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 4 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	49	45	44	42	40	40	42	44	49	52	54	56	56	55	55	54	52	48	45	42	39	36	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Pt cloudy										Clear			
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	2	2	4	5	8	7	9	10	10	10	15	16	16	17	16	17	14	14	17	14	15	12	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: 1:39p Cloudy
Sunset: Time, 6:09 Character, Clear
Moonset: 3:10a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

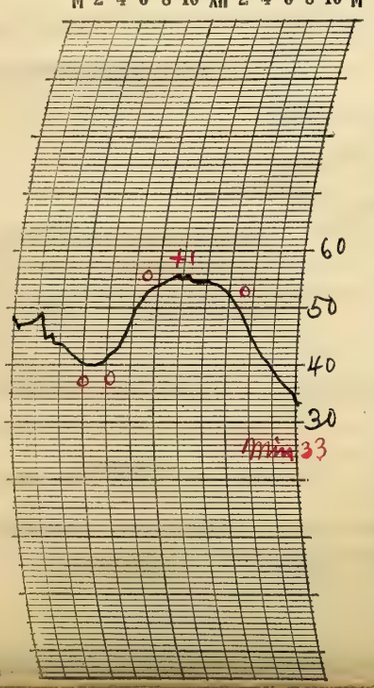
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	33	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.6 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 91
Prevailing wind direction, NE Total wind, 267
Average hourly velocity, 11.1 Extreme velocity, 23
Maximum velocity, 21 Direction, NE
Time began, 1:36 p.m.
Reduced barometer 30.17 7 a. m. 30.23 7 p. m.
River gage, 2.7 feet
Relative humidity, 76 7 a. m. 44 7 p. m.

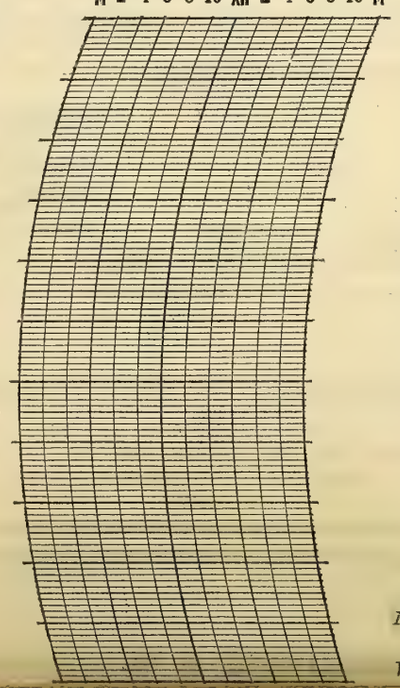
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 54.2 Wet temperature, 44.7
Dew-point, 34 R. humidity, 46 V. pressure, .195
Clouds: Amount, 4; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

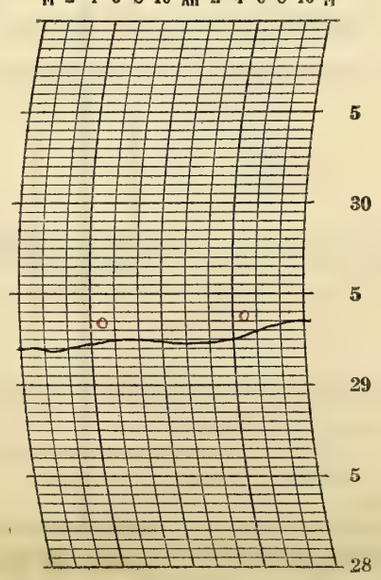
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES

Thin upper clouds prevailed during the day. The sky was clear at night with moonlight. The weather was pleasant although it became cool in the evening.

Solar halo, 22° radius, was observed 11:1 am until about 1:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 5 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	29	28	28	27	27	30	32	35	39	42	44	48	50	50	49	47	45	43	40	38	36	34	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						.72 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.16 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E	E
Wind movement	13	14	12	13	13	14	15	16	16	15	15	16	16	17	17	17	15	12	10	8	8	9	9	8

Clear

Sunrise: Time, 5:17 Character, Clear
Moonrise: 2:40 p Clear

Sunset: Time, 6:10 Character, Clear
Moonset: 3:45 a Clear

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

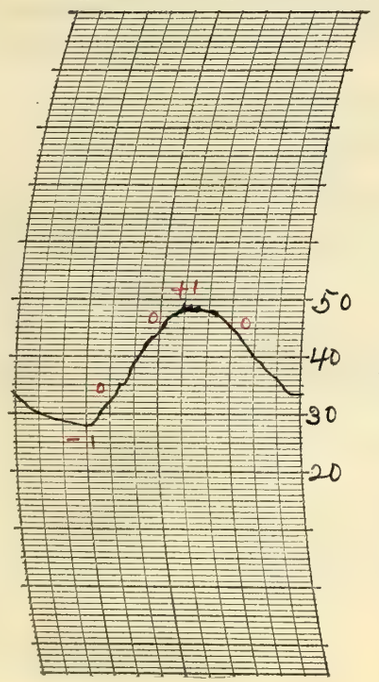
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	27	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.9 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 318
Average hourly velocity, 13.2 Extreme velocity, 24
Maximum velocity, 21 Direction, NE
Time began, 1:08 P.M.
Reduced barometer, 30.37 7 a. m. 30.38 7 p. m.
River gage, 2.6 feet
Relative humidity, 54 7 a. m. 36 7 p. m.

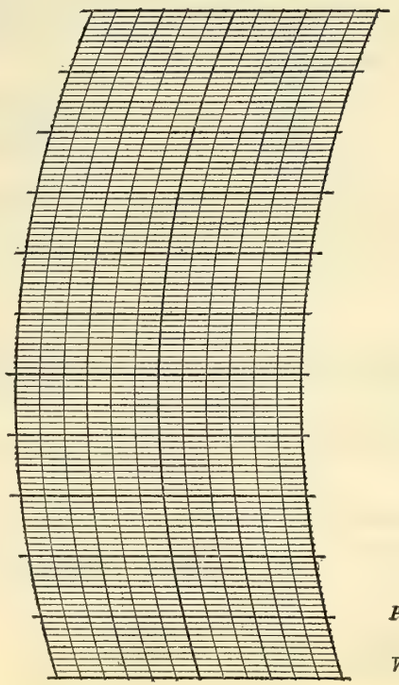
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 35.5
Dew-point, 23 R. humidity, 40 V. pressure, .118
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

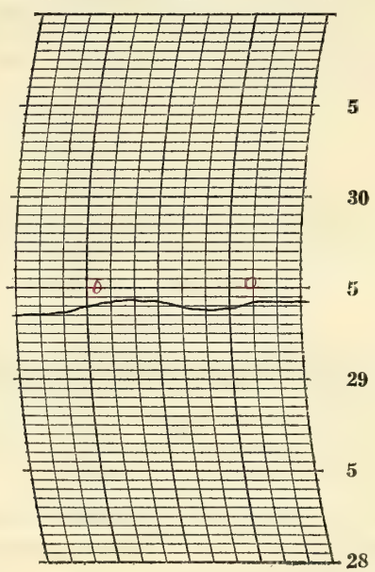
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. E. R.

Verified by P. McSmough

8—486

NOTES

The sky was very blue and cloudless all day. Moonlight at night.
The weather was rather cool on account of a strong northeast wind.
Killing frost in the early morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	29	28	28	30	34	37	42	47	52	56	58	60	63	62	62	61	58	53	49	45	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						.73 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06 0.4	.18 0					
Wind direction	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	7	9	8	9	8	10	10	12	11	9	9	9	8	7	6	7	7	6	5	10	11	11	7	4
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 5:16 Character, Clear
Moonrise: 3:42p Clear

Sunset: Time, 6:11 Character, Clear
Moonset: 4:17a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

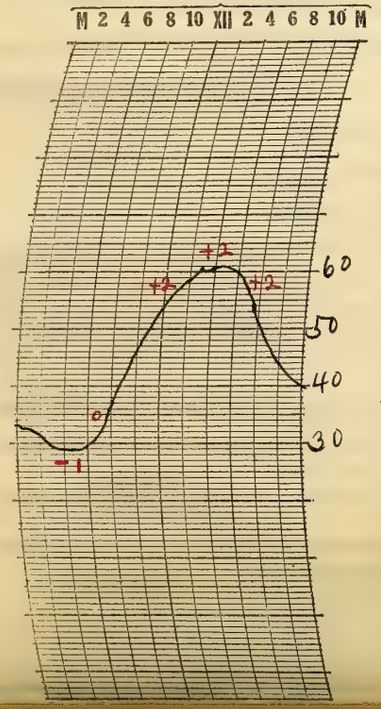
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	28	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.9 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 17
Maximum velocity, 16 Direction, E
Time began, 7:23 a.m.
Reduced barometer, 30.40 7 a. m. 30.23 7 p. m.
River gage, 2.4 feet
Relative humidity, 72 7 a. m. 24 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 41.1
Dew-point, 19 R. humidity, 21 V. pressure, .098
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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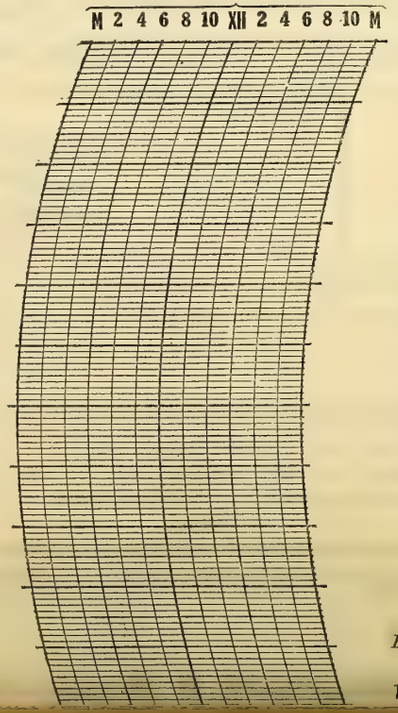
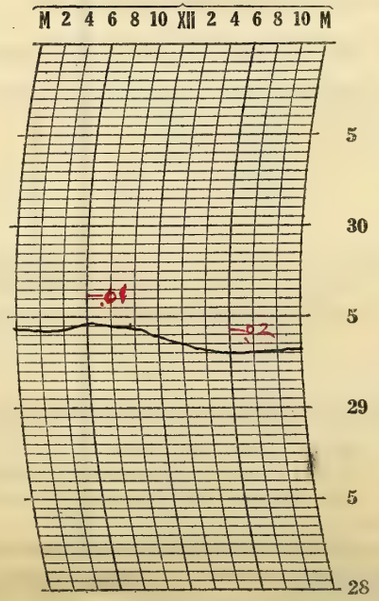


BAROGRAPH.



Prepared by O.G.P.
Verified by P. McDonough

NOTES

Killing frost in the early morning.
Cool in the early part of the day, but latter part fairly warm for the season. Humidity low. The sky was cloudless throughout the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 7 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	35	34	33	37	42	51	61	63	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					2	Clear						
Sunshine (in tenths of hours)						.77 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	E	E	E	E	E	NE	E	E	SW	NW	W
Wind movement	5	3	3	4	4	4	5	3	2	4	6	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	72	72	72	72	69	67	65	63	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					1	Pt Cldy	7	Clear			7
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	W	SW	SW	W	W	NW	W	NW	NW	N	N	N
Wind movement	6	6	6	6	6	5	3	3	4	3	1	1

Sunrise: Time, 5:14 Character, Clear

Moonrise: 4:46 b Cloudy

Sunset: Time, 6:12 Character, Cloudy

Moonset: 4:47 a Clear(?)

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	33	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 11.6 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 89

Prevailing wind direction, E Total wind, 98

Average hourly velocity, 4.1 Extreme velocity, 9

Maximum velocity, 9 Direction, W

Time began, 3:08 P.M.

Reduced barometer, 30.26 7 a. m. 30.16 7 p. m.

River gage, 2.3 feet

Relative humidity, 57 7 a. m. 20 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

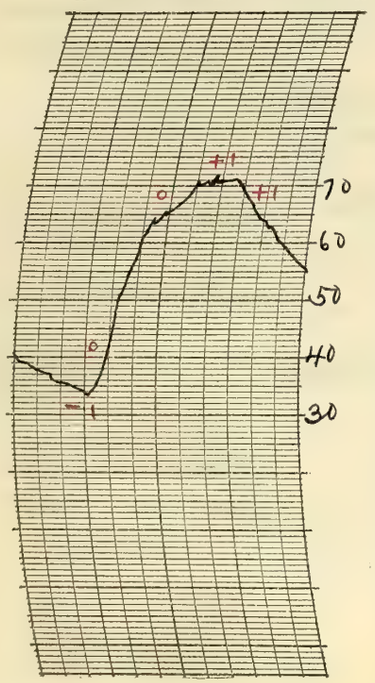
Dry temperature, 66.0 Wet temperature, 49.0

Dew-point, 30 R. humidity, 26 V. pressure, .164

Clouds: Amount, 3; Kind, Cirst; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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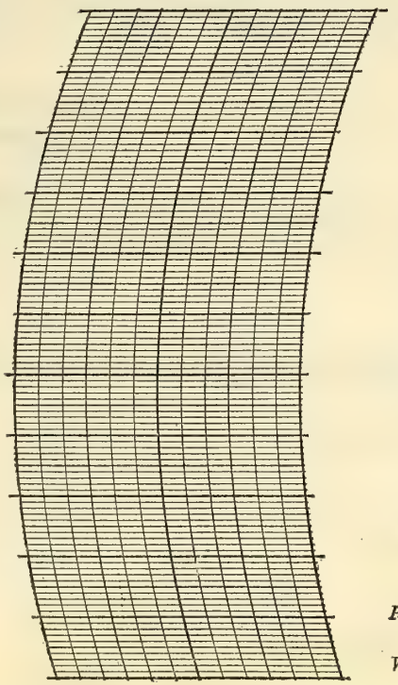
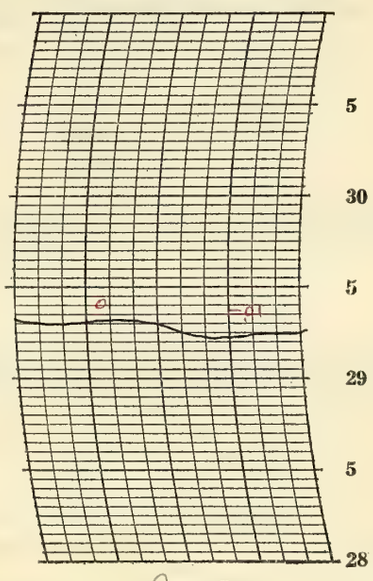


BAROGRAPH.



Prepared by C. E. W.

Verified by C. M. Donovan

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Ø from eye observation.

NOTES

Heavy frost occurred in the early morning.

Cool in the morning, but temperature rose rapidly after the a. m. observation, attaining the highest level of the month, 73°, about 3.30 p.m.

The weather was generally clear in the forenoon, but there was a varying degree of cloudiness in the afternoon, the day however, being mostly clear.

Humidities were unusually low - The day was fine and exceptionally pleasant.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 8 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	53	48	49	46	47	49	53	57	60	62	65	67	65	63	60	58	56	54	52	50	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						X		Clear			X		Pt cloudy				X		Cloudy				X	
Sunshine (in tenths of hours)						0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1							
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E
Wind movement	2	2	5	8	9	9	8	10	10	7	8	8	10	10	13	13	14	11	10	12	13	12	13	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:13 Character, Clear
Moonrise: 5:51 p Cloudy
Sunset: Time, 6:13 Character, Cloudy
Moonset: 5:18 a Clear

78 0.8

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

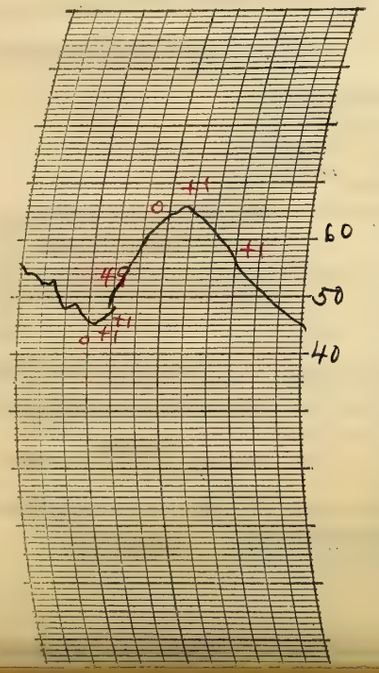
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, full moon 9:33 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 84
Prevailing wind direction, NE Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 3:29 p.m.
Reduced barometer, 30.27 7 a. m. 30.21 7 p. m.
River gage, 2.1 fall
Relative humidity, 47 7 a. m. 35 7 p. m.

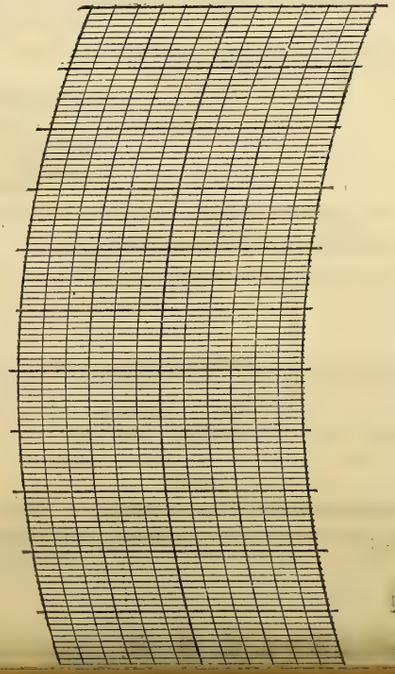
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.5 Wet temperature, 48.5
Dew-point, 33 R. humidity, 34 V. pressure, .187
Clouds: Amount, 4; Kind, Cst; Direction, SW
Velocity of clouds (miles per hour)

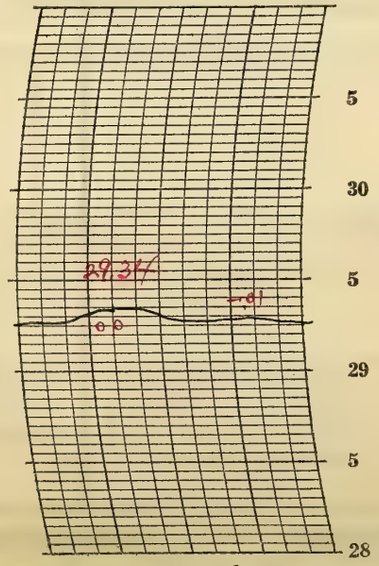
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEP

Verified by Pine Donough

NOTES

The upper clouds increased during the day and the sky became overcast at night. Late at night the full moon shone dimly through the clouds.

The day was warm and pleasant. The relative humidity was quite low all day.

Solar halo, 22° radius, observed from 3:10 p.m. till about 3:30 p.m.

Lunar halo, 22° radius, observed 8:45 p.m. and after.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	40	40	39	39	40	43	47	51	55	59	62	64	63	59	57	56	57	54	53	52	52	51
State of weather: Nature of precipitation and time of beginning and ending																RB 3:30	RE 4:50		RB 6:35	- -	- -	- -	RE DN	
Amounts of precipitation																T	T		T	.07	.21	.14	.01	
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)						0	0	0.1	0.9	0	0.4	1.0	1.0	0.1	0	0	0	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	W	W	E	E	E	N	N	NE	NE	NE
Wind movement	10	10	11	9	9	9	8	9	7	5	6	9	8	6	10	8	5	5	7	7	6	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:11 Character, Cloudy
Moonrise: 6:59 p Cloudy
Sunset: Time, 6:14 Character, Cloudy
Moonset: 5:50 a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

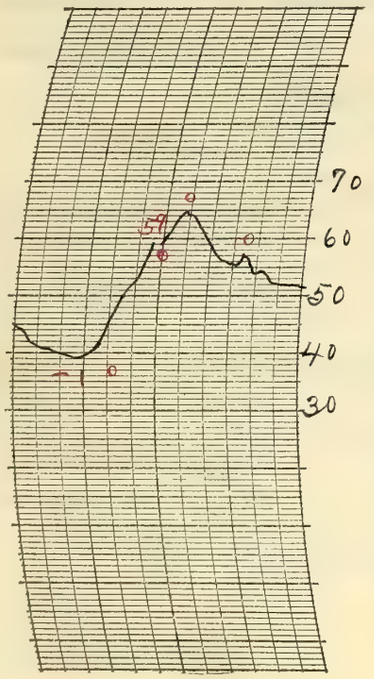
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	38	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .43 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 27
Prevailing wind direction, NE Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 1:23 am
Reduced barometer, 30.07 7 a. m. 29.80 7 p. m.
River gage, 2.2 feet
Relative humidity, 68 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.0 Wet temperature, 46.7
Dew-point, 33 R. humidity, 37 V. pressure, .187
Clouds: Amount, 4; Kind, a cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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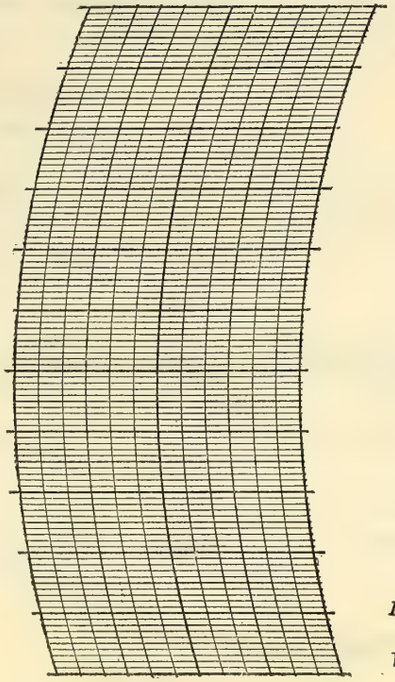
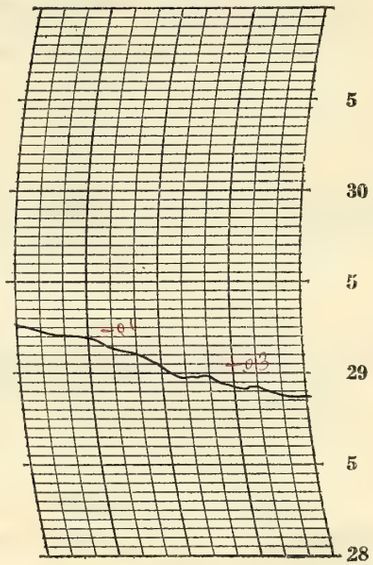


BAROGRAPH.



Prepared by O. A. R.

Verified by C. M. McDonough

8—486

NOTES

The sky was overcast all day with upper clouds prevailing generally in the forenoon and lower clouds during the afternoon and night. A light sprinkle occurred in the afternoon and showers fell during the night.

Moderate temperatures

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 10 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	48	47	47	48	48	48	50	53	55
State of weather: Nature of precipitation and time of beginning and ending								RB 7:15	----	RE 9:25		
Amounts of precipitation								.01	T	.01		
Cloudiness and other conditions										Cloudy		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	61	63	65	65	62	59	56	53	52	50	48
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X	Pt cldy			X	Clear				

Sunrise: Time, 5:09 Character, Cloudy
Moonrise: 8:08p Clear

Sunset: Time, 6:15 Character, Cloudy
Moonset: 6:23a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.6	0.9	1.0	1.0	1.0	1.0	0	0					
Wind direction	NE	N	N	NE	N	N	N	NE	NE	N	N	NE	E	SE	S	SW	SW	SW	W	NW	NW	NW	NW	NW
Wind movement	4	7	6	4	5	5	9	6	7	5	7	6	3	3	4	6	7	9	7	7	6	6	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

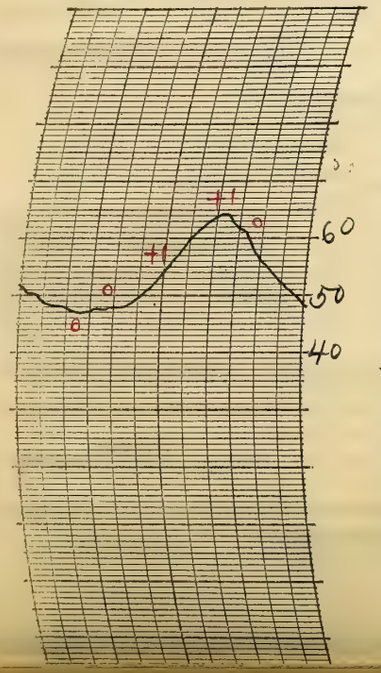
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .43 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.5 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 42
Prevailing wind direction, N Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 5:10 p.m.
Reduced barometer, 29.74 7 a. m. 29.81 7 p. m.
River gage, 2.4 feet
Relative humidity, 83 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.6 Wet temperature, 49.1
Dew-point, 44 R. humidity, 68 V. pressure, .287
Clouds: Amount, 9; Kind, St.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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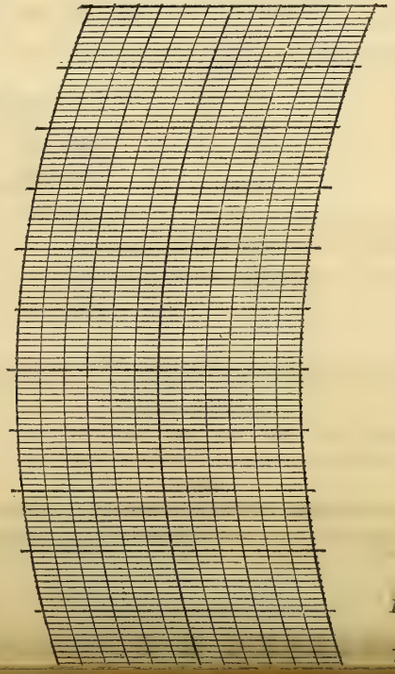
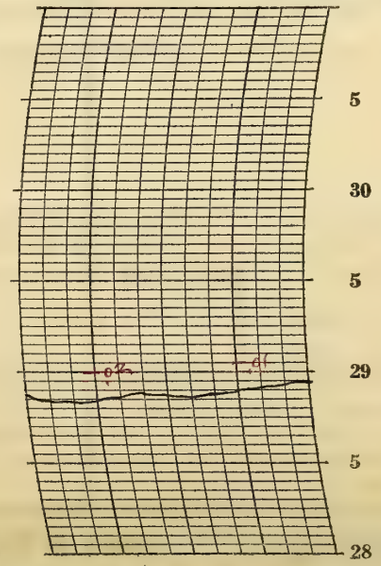


BAROGRAPH.



Prepared by O. G. R.
Verified by P. McDonough

NOTES

A light shower occurred in the forenoon and the sky continued overcast till the middle of the afternoon. It was partly cloudy for a while and then became clear at night fall. Stars visible. Moonlight late at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 11 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	42	41	46	51	57	65	69	73	75	77	72	70	67	62	58	55	53	50	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt cldy	×			Clear	×		Pt cldy	×			Clear				→			
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0					
Wind direction	N	NE	NE	S	S	S	S	S	S	S	SW	SW	SW	SW	NW	NW	NW	NW	W	W	W	NW	NW	NW
Wind movement	5	4	3	4	6	6	7	13	13	17	17	18	19	22	21	20	20	14	8	7	7	8	8	5

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 9:17 p Clear
Sunset: Time, 6:16 Character, Cloudy
Moonset: 6:59 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

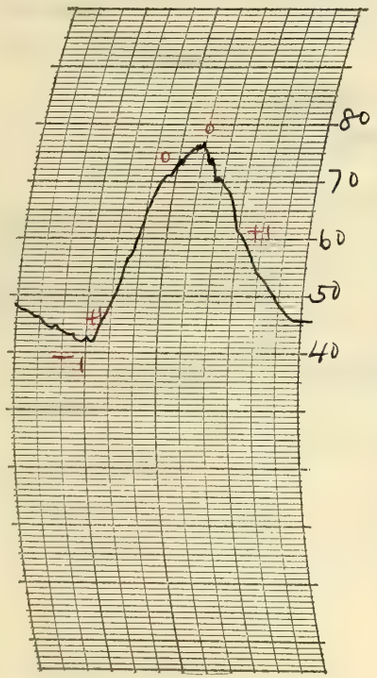
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	41	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 83
Prevailing wind direction, S-NW Total wind, 272
Average hourly velocity, 11.3 Extreme velocity, 32
Maximum velocity, 29 Direction, SW
Time began, 1:08 p.m.
Reduced barometer, 29.84 7 a. m. 29.84 7 p. m.
River gage, 2.4 feet
Relative humidity, 67 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.6 Wet temperature, 58.1
Dew-point, 47 R. humidity, 41 V. pressure, 332
Clouds: Amount, 3; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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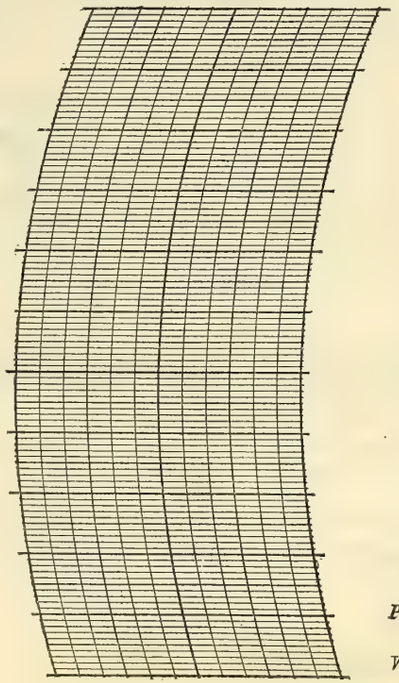
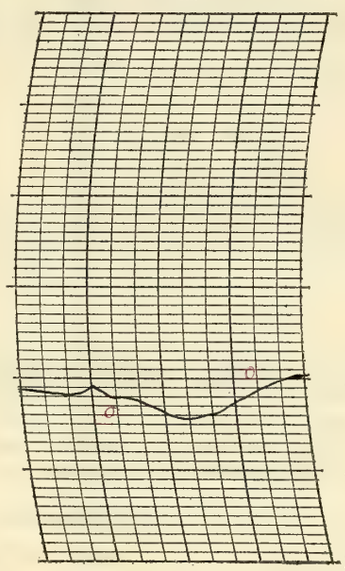


BAROGRAPH.



Prepared by O. E. R.

Verified by P. McDonough

8—486

NOTES

The sky was partly overcast at times during the day. Clear at night with moonlight late at night.

The weather was warm and pleasant.

Solar halo, 22° radius, observed 11:30 am to 12 noon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR. 12 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	42	41	40	40	43	46	51	57	63	68	72	74	76	76	74	72	69	66	63	55	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear							×	Pt cldy	×	Clear			→
Sunshine (in tenths of hours)						.90 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	N	N	E	E	SE	E	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	N	NE	NE	E
Wind movement	6	7	5	6	5	4	7	7	10	12	14	15	18	16	15	14	13	8	7	5	10	17	13	11

Sunrise: Time, 5:06 Character, Clear
Moonrise: 10:26p Clear
Sunset: Time, 6:17 Character, Cloudy
Moonset: 7:41a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

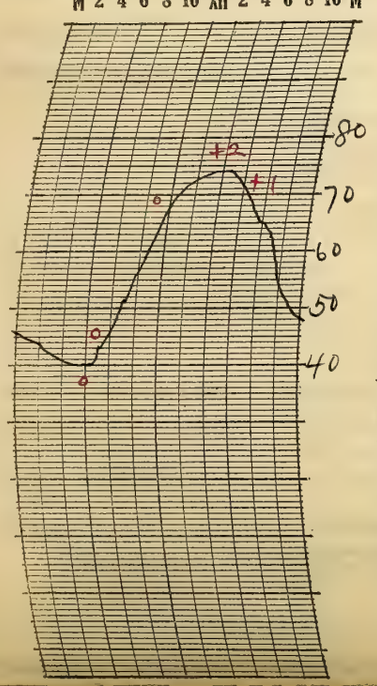
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	40	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.5 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 25
Maximum velocity, 23 Direction, SS
Time began, 12:51 p m
Reduced barometer, 30.00 7 a. m. 29.90 7 p. m.
River gage, 2.3 feet
Relative humidity, 70 7 a. m. 36 7 p. m.

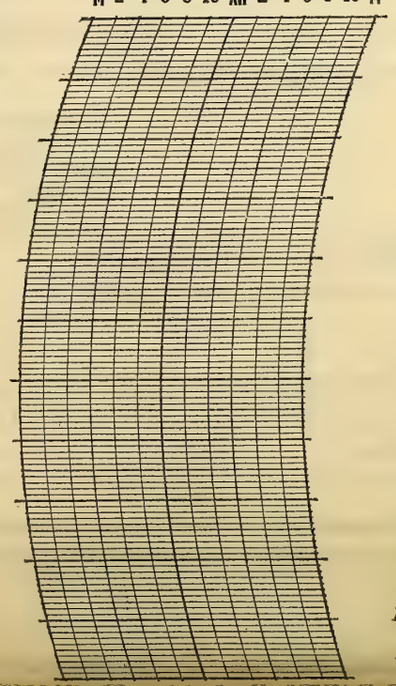
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.5 Wet temperature, 53.0
Dew-point, 40 R. humidity, 36 V. pressure, 247
Clouds: Amount, 1; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

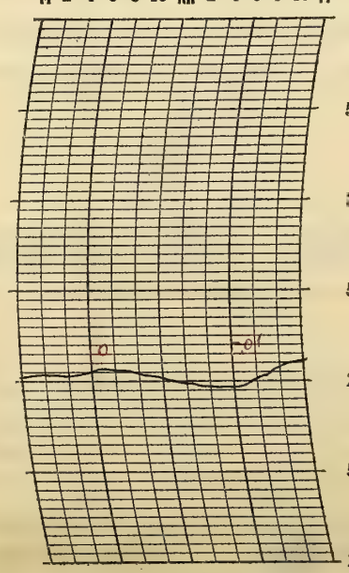
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

NOTES

Moonlight in early morning. The sky was mostly clear although there was a small amount of cloudiness in the afternoon and evening. Clear late at night. The weather was warm and pleasant.

Easter Sunday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 13 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	43	42	40	39	42	47	53	57	54	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						92 0	1.0	1.0	1.0	0.8	0.2	1.0
Wind direction	E	E	E	E	E	E	E	E	E	SE	E	SE
Wind movement	12	10	10	12	10	8	8	9	8	8	7	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	73	79	79	76	74	73	59	57	58	58	58
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10 RE 7:40	RB 8:05	---	RE DN	
Amounts of precipitation								T	.16	.06	.01	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.4	0	0					
Wind direction	SE	SE	S	S	S	S	S	W	SW	S	S	S
Wind movement	13	11	15	19	15	11	13	21	13	15	12	13

Clear — Pt Cloudy — Cloudy — Pt Cloudy — Cloudy

Sunrise: Time, 5:05 Character, Clear
Moonrise: 11:32p Cloudy
Sunset: Time, 6:18 Character, Cloudy
Moonset: 8:29a Cloudy

Maximum velocities (exceeding 29 miles) direction and time: 36 W 7:04

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	39	59	

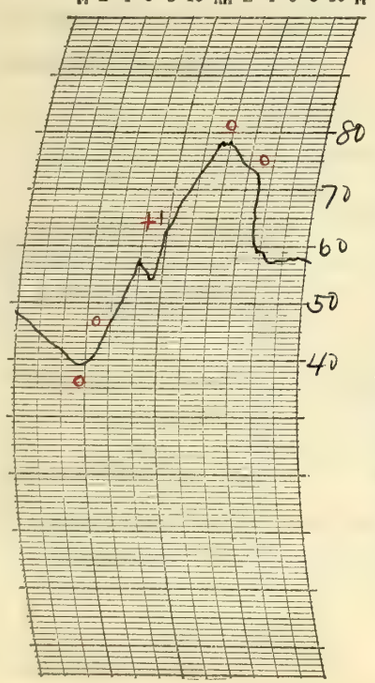
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.9 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 75
Prevailing wind direction, E Total wind, 284
Average hourly velocity, 11.8 Extreme velocity, 38
Maximum velocity, 36 Direction, W
Time began, 7:04 p.m
Reduced barometer, 30.03 7a. m. 29.73 7p. m.
River gage, 2.1 falls
Relative humidity, 62 7a. m. 42 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

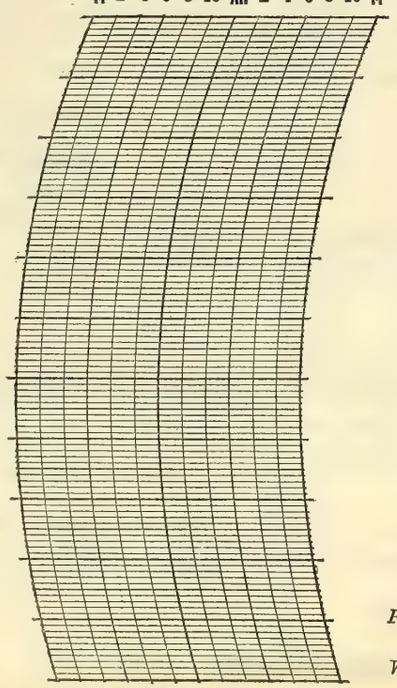
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 64.6 Wet temperature, 53.1
Dew-point, 43 R. humidity, 46 V. pressure, .277
Clouds: Amount, 6; Kind, a cu; Direction, SW
Velocity of clouds (miles per hour)

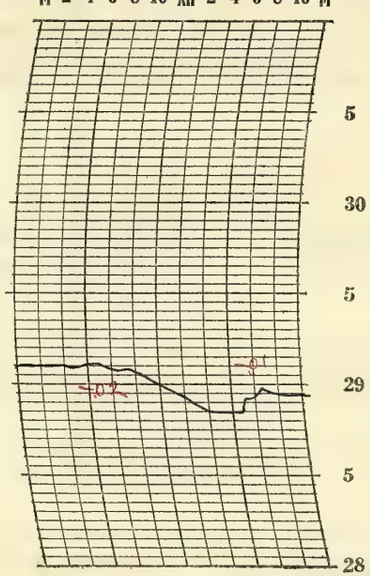
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. E. K.

Verified by P. McDonough

8—480

NOTES

The sky was clear during the early morning, partly overcast through the day and cloudy into the night. Showers threatened during the morning and also in the afternoon but no rain occurred at the station until after 7 p.m. A thunderstorm occurred from 8:45 p.m till 9:45 p.m. High winds shortly after 7 p.m. caused some damage to buildings and trees, mostly in the southwest part of the city.

The temperature rose rapidly in the forenoon and it was warm and pleasant in the afternoon

Form No. 1014 -McU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 14 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	53	54	56	56	57	59	60	65
State of weather: Nature of precipitation and time of beginning and ending									RB 8:45 RE 9:00		RB 10:50	RE 11:15
Amounts of precipitation									.03		.04	.01
Cloudiness and other conditions						← Cloudy					X Clear	
Sunrise: Time, 5:03 Character, Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)						0	0.2	0.1	0	0.2	0.4	0.7
Wind direction	SW	S	S	S	S	S	S	SW	NW	S	SE	S
Wind movement	10	11	11	9	8	9	9	10	8	5	3	2
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	71	69	68	66	62	61	60	59	58	57
State of weather: Nature of precipitation and time of beginning and ending						RB 5:56	RE 6:55					
Amounts of precipitation						T	.02					
Cloudiness and other conditions					X Pt Cldy		X Cldy	X	Clear			→
Sunset: Time, 6:19 Character, Cloudy												
Moonset: 9:23a Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	S	S	S	S	S	S	SW	SW	S	S	S	S
Wind movement	5	5	6	8	9	8	4	4	7	8	10	10
Maximum velocities (exceeding 29 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.8 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 51
Prevailing wind direction, S Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 7:45 am
Reduced barometer, 29.927 a. m. 29.877 p. m.
River gage, 21 feet
Relative humidity, 91 7 a. m. 74 7 p. m.

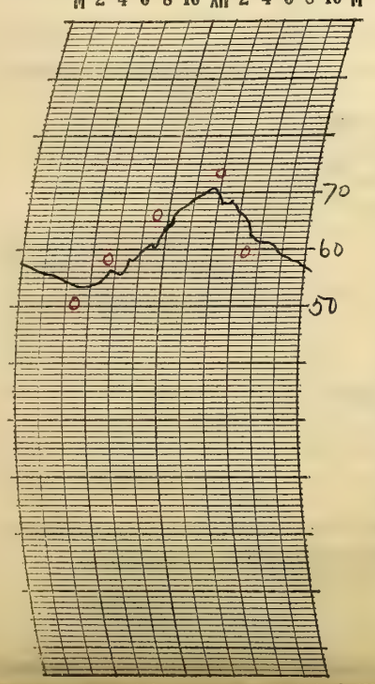
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.7 Wet temperature, 57.9
Dew-point, 53 R. humidity, 67 V. pressure, 402
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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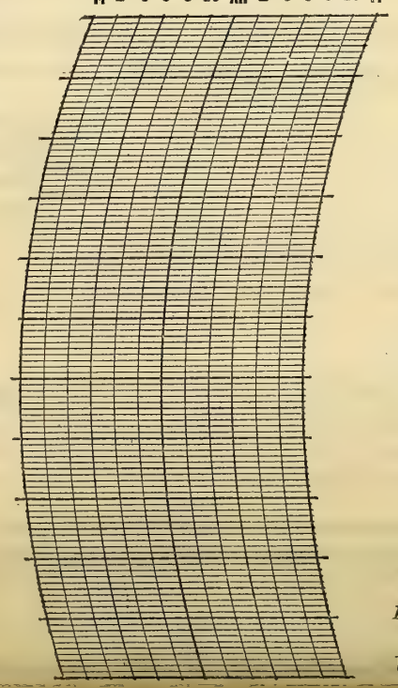
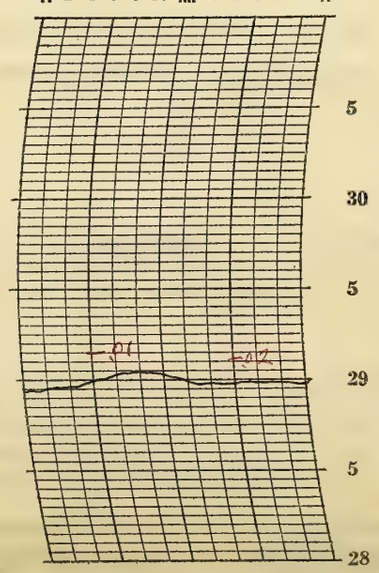


BAROGRAPH.



Prepared by J. R. P.

Verified by P. McDonough

NOTES

The sky was mostly cloudy with light showers in the forenoon. It was clear for a while in the afternoon but became cloudy in the evening and another shower occurred. The rain ended and the sky cleared in a little while shortly before 7 p.m. Clear at night; stars bright. Moderate temperatures.

8—4816

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 15 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	54	51	50	48	46	45	46	48	48	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Clear			Pt cldy	
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	SW	NW	NW	W	W	NW	NW	NW	NW	N	N	NW
Wind movement	11	7	4	8	9	9	11	12	12	12	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	55	54	54	53	52	50	48	47	46	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	04 0.6	33 0					
Wind direction	NW	NW	W	W	W	W	W	SW	SW	W	NW	N
Wind movement	9	11	15	17	15	9	5	5	5	6	3	3

Sunrise: Time, 5:02 Character, Cloudy
Moonrise: 12:32a Cloudy
Sunset: Time, 6:20 Character, Clear
Moonset: 10:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

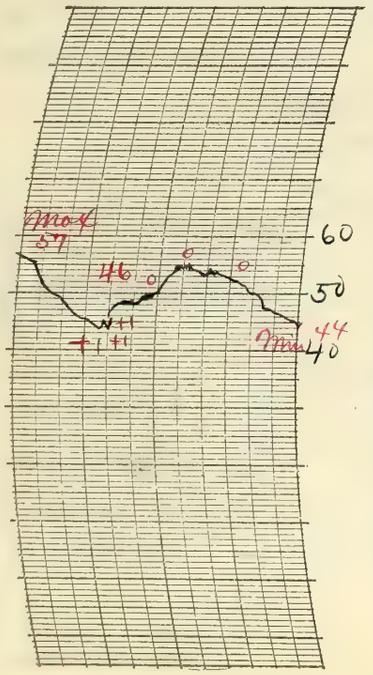
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, Last Quarter 5:40 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 80
Prevailing wind direction, NW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 20 Direction, W
Time began, 3:13 p.m.
Reduced barometer, 30.09 7 a. m. 30.24 7 p. m.
River gage, 2.2 feet
Relative humidity, 86 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 38.6
Dew-point, 21 R. humidity, 31 V. pressure, .108
Clouds: Amount, 7; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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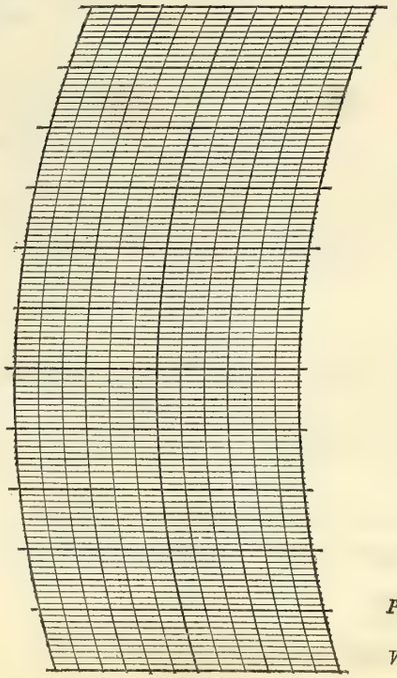
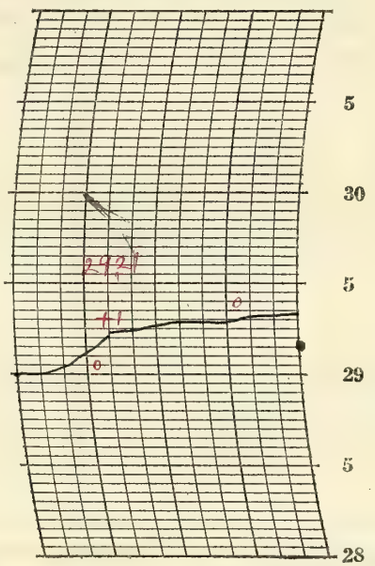


BAROGRAPH.



Prepared by [illegible]

Verified by P. McDonough

8—486

NOTES

The amount of cloudiness varied somewhat from time to time altho the afternoon was mostly clear. A small amount of cloudiness continued into the night. Stars visible.

The temperature was above normal for the season altho it was cooler than on the four preceding dates.

Cherry trees in blossom to day.

The word WARNING was added to the p. m. telegraphic report.

Form No. 1014—MeU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 16 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	41	40	41	44	52	52	54	55	57	57	60	59	61	60	59	58	55	53	51	50	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear				Pt Cldy				Clear							
Sunshine (in tenths of hours)						.80 .02	ø 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.35 0					
Wind direction	E	SE	SE	S	S	S	S	S	W	W	W	W	W	W	W	SW	W	W	W	W	NE	E	E	E
Wind movement	1	3	3	6	5	6	5	6	7	7	9	9	10	9	11	10	7	6	3	1	5	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:00 Character, Clear
Moonrise: 1:24a Clear
Sunset: Time, 6:21 Character, Clear
Moonset: 11:28a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

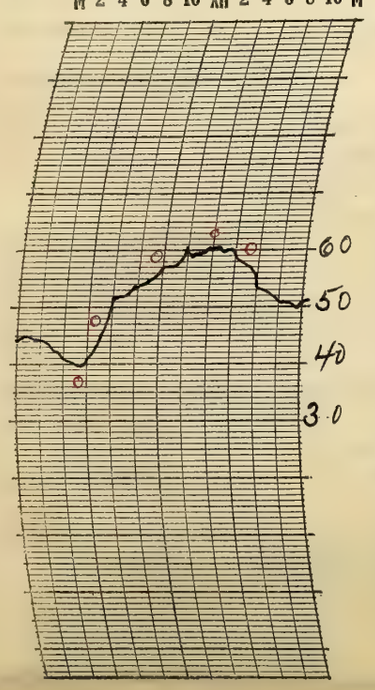
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 143
Average hourly velocity, 6.0 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 12:05 p.m.
Reduced barometer, 30.31 7 a. m. 30.18 7 p. m.
River gage, 2.1 feet
Relative humidity, 59 7 a. m. 26 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.4 Wet temperature, 43.4
Dew-point, 25 R. humidity, 27 V. pressure, 1.30
Clouds: Amount, 3; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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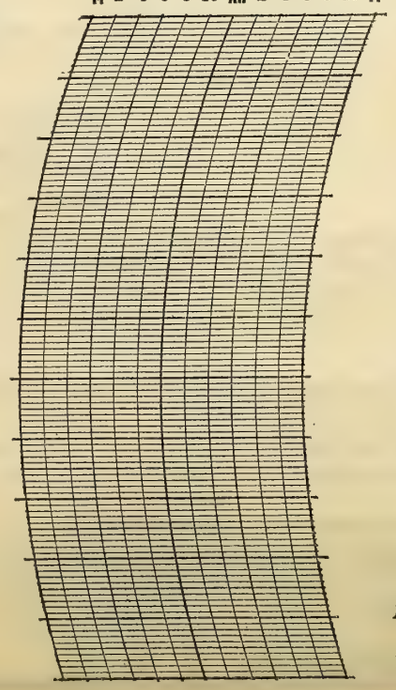
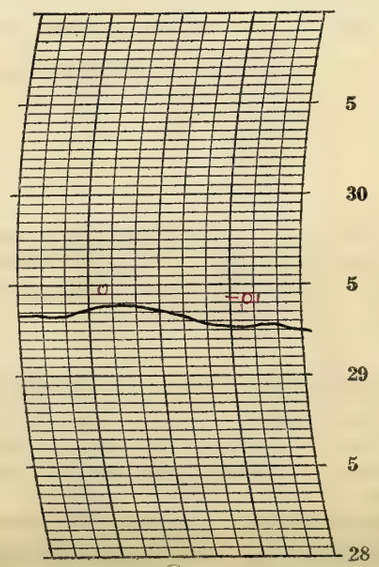


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES By observation

Light frost in early morning. There were some cloudiness most of the day but not enough to interfere greatly with the sunshine.

The temperature was about normal. The relative humidity was rather low.

Peach trees in blossom to day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	49	51	52	52	53	49	49	50	51
Nature of precipitation and time of beginning and ending					RB DN	RE DN	RB 6:30 RE 6:36	RB 7:35				
Amounts of precipitation					T	T	T	T	.03	.02	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.6	0.2
Wind direction	S	S	S	S	S	S	S	SW	SW	NW	NE	E
Wind movement	6	8	10	9	13	15	10	5	6	2	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	55	55	56	56	55	54	53	52	50	50	49
Nature of precipitation and time of beginning and ending	RE 12:10											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy				Clear		Pt cldy		Cloudy			
Sunshine (in tenths of hours)	0	0.8	0.5	1.0	1.0	0.2	0					
Wind direction	SE	SE	S	E	E	E	E	E	E	E	E	E
Wind movement	4	3	5	4	5	4	3	3	3	3	4	4

Sunrise: Time, 4:58 Character, Cloudy

Moonrise: 2:11a Cloudy?

Sunset: Time, 6:23 Character, Cloudy

Moonset: 12:35p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	48	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.3 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 32

Prevailing wind direction, E Total wind, 136

Average hourly velocity, 5.7 Extreme velocity, 21

Maximum velocity, 20 Direction, S

Time began, 4:27 a.m.

Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.

River gage, 2.2 feet

Relative humidity, 58 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

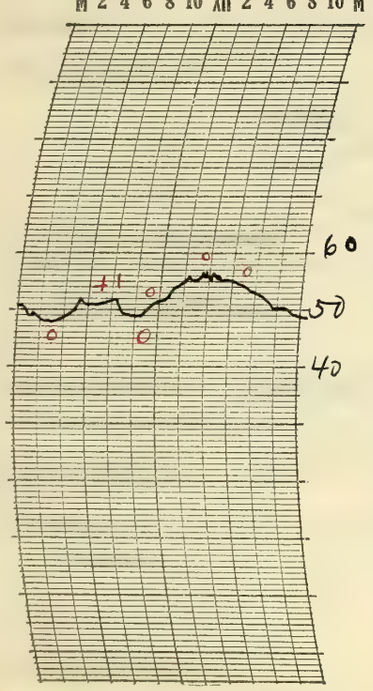
Dry temperature, 51.4 Wet temperature, 47.0

Dew-point, 43 R. humidity, 73 V. pressure, .277

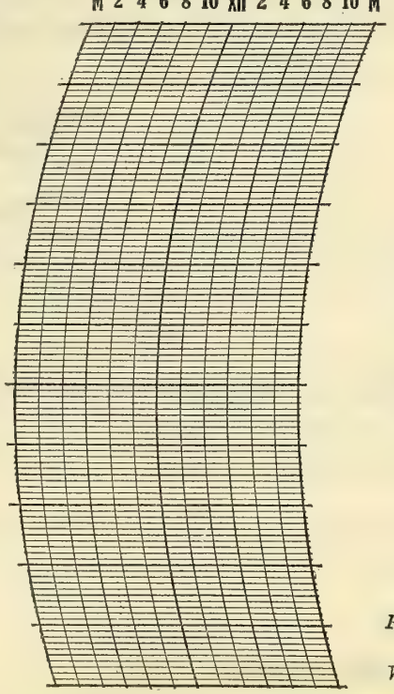
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

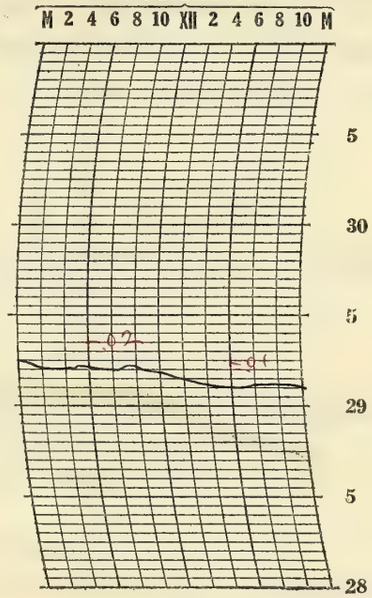
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D. C. P.

Verified by P. McDonough

8—486

NOTES

The sky was overcast the greater part of the day. It cleared for a while in the late afternoon and became cloudy again at night. Light rain fell the greater part of the forenoon but the total fall was light.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 18 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	47	47	47	48	49	50	51	51	50	50	53	56	58	58	56	55	54	52	52	53	58
State of weather: Nature of precipitation and time of beginning and ending											RB 10:30	- - -	RE 12:45											
Amounts of precipitation											.08	.06	.07											
Cloudiness and other conditions							<				Cloudy						×	Pt Cldy		×	Cldy		>	
Sunrise: Time, 4:57; Character, Cloudy																								
Moonrise: 2:52 a Cloudy																								
Sunset: Time, 6:23; Character, Cloudy																								
Moonset: 1:43 p Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0.9	0.9	1.0	0.4	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	4	4	5	6	6	6	7	8	8	6	7	7	8	11	12	10	10	9	11	12	11	10	6	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

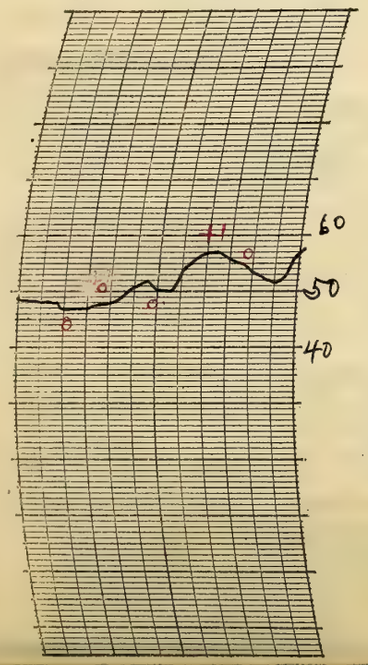
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .21 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.2 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 24
Prevailing wind direction, E Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 1:49 P.M.
Reduced barometer 30.01 7 a. m. 29.70 7 p. m.
River gage, 2.1 feet
Relative humidity, 80 7 a. m. 85 7 p. m.

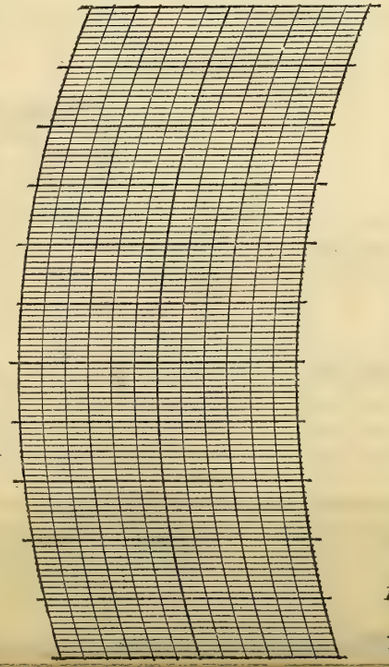
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.5 Wet temperature, 49.0
Dew-point, 48 R. humidity, 90 V. pressure, .334
Clouds: Amount, 10; Kind, N.b.; Direction, SW
Velocity of clouds (miles per hour)

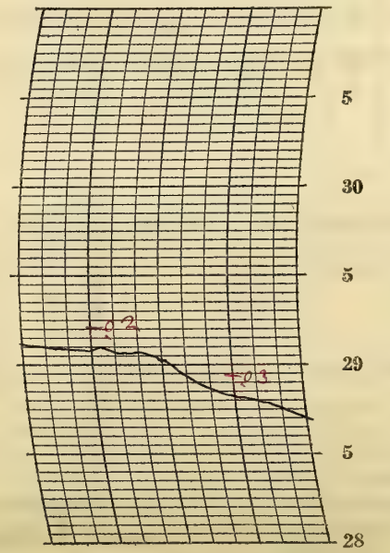
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was cloudy except for a short while in the afternoon when it cleared somewhat. It became cloudy again at night. A shower occurred during the middle of the day. A Thunderstorm began at 11:42 am and ended 12:45 p.m. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 19 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	63	62	64	61	50	47	47	52	61	67	61	58	62	62	56	54	52	48	47	46	46	44	43
State of weather: Nature of precipitation and time of beginning and ending					RB 4:30 RE 4:50														RB 6:15	- - - -		RE DNp		
Amounts of precipitation					T														T	T	T	T		
Cloudiness and other conditions									Pt Cloudy									Cloudy						

Sunrise: Time, 4:56 Character, Cloudy
Moonrise: 3:28a Cloudy
Sunset: Time, 6:24 Character, Cloudy
Moonset: 2:52p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.2	0	0.5	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.1	0	0					
Wind direction	S	S	S	S	S	N	NE	E	E	E	SW	W	SW	W	W	NW	NW	NW	W	W	NW	NW	NW	NE
Wind movement	10	12	12	11	5	12	15	11	7	4	15	26	25	21	15	12	9	13	11	9	10	7	8	9
Maximum velocities (exceeding 29 miles) direction and time												35 SW 11:10												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	43	56	

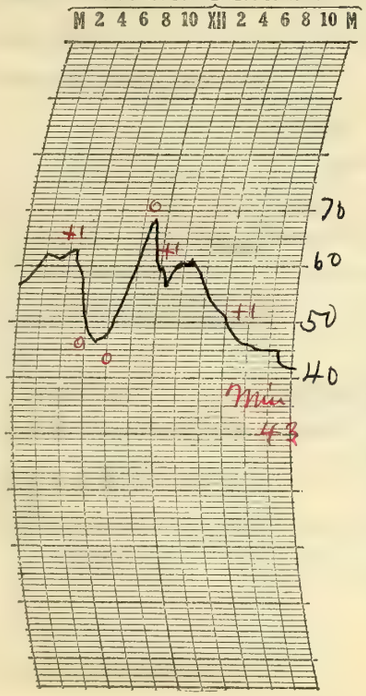
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 56
Prevailing wind direction, NW Total wind, 289
Average hourly velocity, 12.0 Extreme velocity, 38
Maximum velocity, 35 Direction, SW
Time began, 11:10 a.m.
Reduced barometer, 29.56 7 a. m. 29.84 7 p. m.
River gage, 2.1 feet
Relative humidity, 84 7 a. m. 93 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 55.4
Dew-point, 52 R. humidity, 70 V. pressure, 384
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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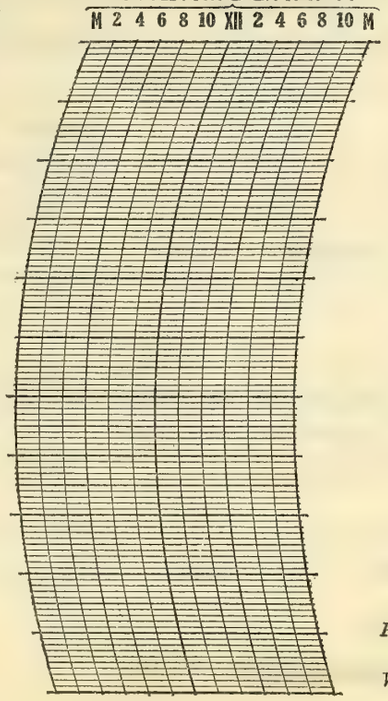
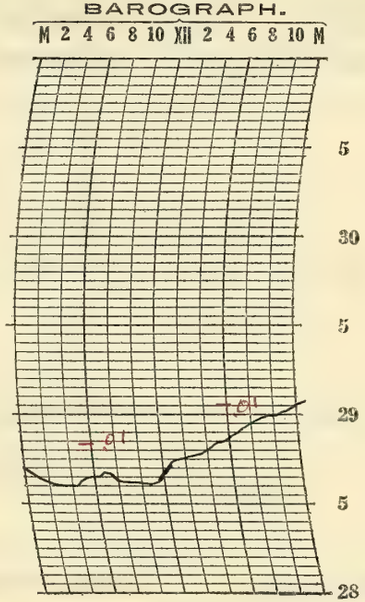


BAROGRAPH.



Prepared by C.E.K.

Verified by P. McDonough

8—480

NOTES

The day was partly cloudy with a light shower in the early morning and another shower after nightfall.

The temperature was high during the early morning and again in the forenoon but it fell somewhat during the afternoon and night.

Strong winds from the southwest and west during the middle of the day.

Apple trees in blossom to-day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	39	38	38	39	42	45	47	51	53	54	53	51	49	46	44	40	38	37	37	37
State of weather: Nature of precipitation and time of beginning and ending					RB DN	- -	- -	RE 7:10																
Amounts of precipitation					T	T	T	T																
Cloudiness and other conditions						<		Cloudy			X			Clear				X	Pt cldy			>		

Sunrise: Time, 4:54 Character, Cloudy
Moonrise: 3:59a Cloudy

Sunset: Time, 6:26 Character, Cloudy
Moonset: 3:57p Clear

Sunshine (in tenths of hours)					0	0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	9	9	11	10	10	12	14	12	12	11	15	20	20	22	22	21	18	18	16	17	17	16	15	16
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

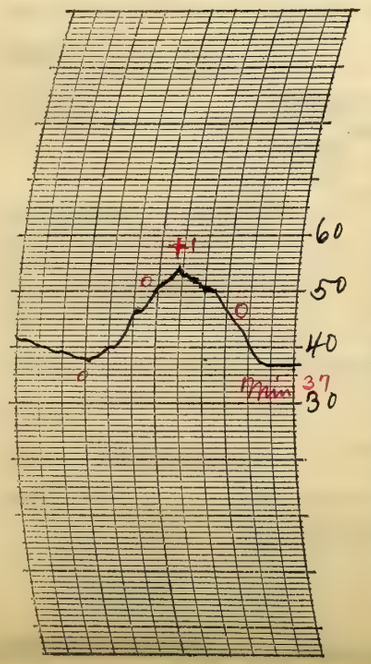
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 63
Prevailing wind direction, NE Total wind, 363
Average hourly velocity, 15.1 Extreme velocity, 30
Maximum velocity, 27 Direction, E
Time began, 12:43 P.m.
Reduced barometer, 30.20 7 a. m. 30.29 7 p. m.
River gage, 2.0 feet
Relative humidity, 91 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.1 Wet temperature, 42.1
Dew-point, 31 R. humidity, 45 V. pressure, 172
Clouds: Amount, 2; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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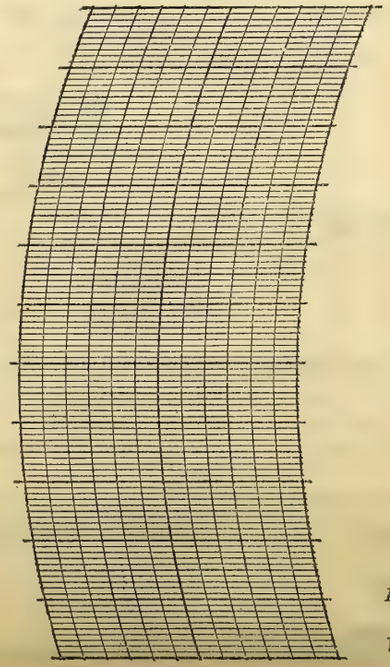

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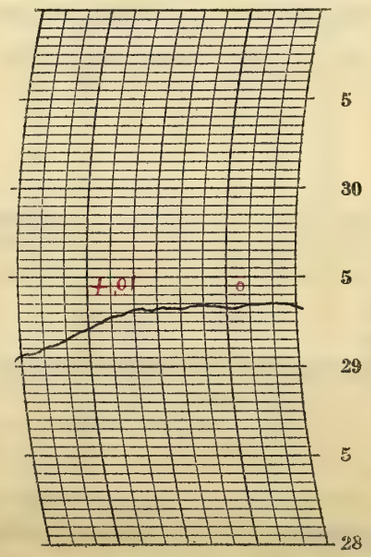


Prepared by O.G.P.

Verified by P. McDonough

8—486

NOTES

Lower clouds prevailed the first part of the day with a light sprinkle in the early morning. Upper clouds prevailed after about 10 a.m. and continued into the night. Stars visible through the clouds.

The temperature was slightly below the normal and the strong wind from the northeast was rather cool

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 21 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	38	40	37	44	46	50	54
State of weather: Nature of precipitation and time of beginning and ending								RB 7:04 RE 2:55				
Amounts of precipitation								.09				
Cloudiness and other conditions	Cloudy											

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	54	54	55	54	53	53	53	53	53	53
State of weather: Nature of precipitation and time of beginning and ending		RB 1:40										RE DN
Amounts of precipitation		T	.16	.01	T	.07	.14	.07	.01	T	.08	.02
Cloudiness and other conditions												

Sunrise: Time, 4:53; Character, Cloudy
Moonrise: 4:30 a; Cloudy
Sunset: Time, 6:27; Character, Cloudy
Moonset: 5:02 p; Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.2	0	0	0	0	0					
Wind direction	NE	E	E	E	E	E	N	E	SE	E	E	E	E	S	E	E	E	SE	SE	E	E	E	E	E
Wind movement	16	15	12	12	14	11	9	10	11	8	10	8	7	7	4	9	10	8	8	6	4	5	3	4

Maximum velocities (exceeding 29 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .42 ins.
Total precipitation, midnight to midnight, .65 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 34
Prevailing wind direction, E Total wind, 211
Average hourly velocity, 8.8 Extreme velocity, 20
Maximum velocity, 19 Direction, E
Time began, 4:50 am.
Reduced barometer, 30.33 7 a. m. 30.12 7 p. m.
River gage, 2.0 feet
Relative humidity, 57 7 a. m. 97 7 p. m.

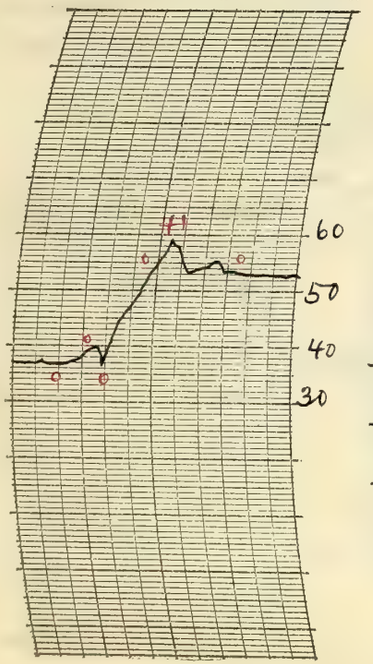
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 47.2
Dew-point, 40 R. humidity, 60 V. pressure, .247
Clouds: Amount, 10; Kind, a St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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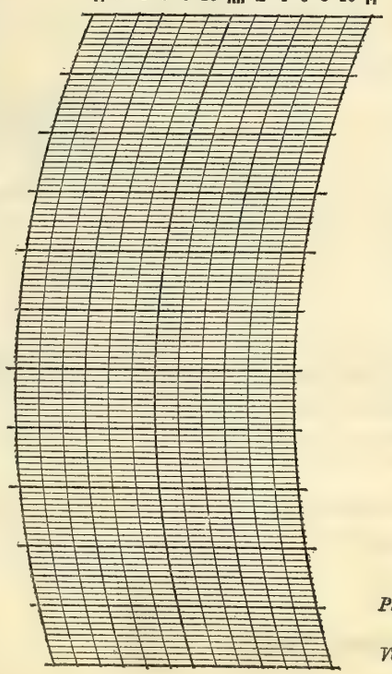
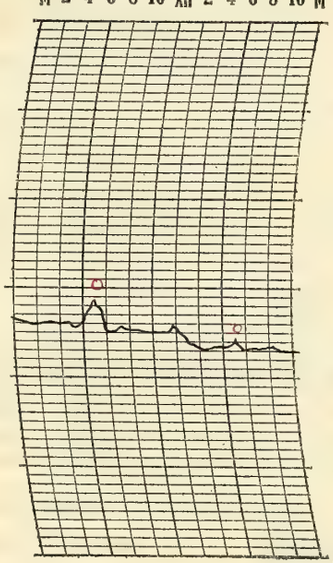


BAROGRAPH.



Prepared by O. E. P.

Verified by S. McDonough

8—4

NOTES

The sky was overcast all day altho the sun shone through the upper clouds for a while during the middle of the day. A small shower occurred during the morning with a thunderstorm from 7:05 am to 7:55 a.m. A second rain began after noon and continued until near midnight. A second thunderstorm began 1:20 p.m. and continued until during the night p.m. — thunder was heard up till 9:50 p.m.

The barometer fluctuated considerably during the first thunderstorm. From 5:00 am to 6:20 am it rose from 29.28 inches to 29.42 inches and from 6:20 am to 6:40 am it fell from 29.42 in. to 29.38 in. and continued falling till it was slightly below the original level.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 22 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	55	52	52	52	55	61	67	71	75	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Pt	cldy	X			Cloudy	
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	S	S	S	S	S
Wind movement	5	5	4	5	5	2	3	9	12	12	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	77	71	67	68	68	69	69	69	70	70
Nature of precipitation and time of beginning and ending					RB 4:10 RE 425							
Amounts of precipitation					T							
Cloudiness and other conditions					Cloudy				X	Clear	→	
Sunshine (in tenths of hours)	1.0	0.9	0	0	0	0	0					
Wind direction	S	SW	W	W	N	S	S	S	S	S	S	SW
Wind movement	14	11	5	6	10	13	16	15	9	9	12	11

State of weather.

Sunrise: Time, 4:51 Character, Cloudy
Moonrise: 5:01a Cloudy
Sunset: Time, 6:28 Character, Cloudy
Moonset: 6:07p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	51	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 23 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, New Moon 8:28 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 51
Prevailing wind direction, S Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 20 Direction, N
Time began, 3:58 p.m.
Reduced barometer, 30.005 7 a. m. 29.90 7 p. m.
River gage, 2.1 feet
Relative humidity, 94 7 a. m. 69 7 p. m.

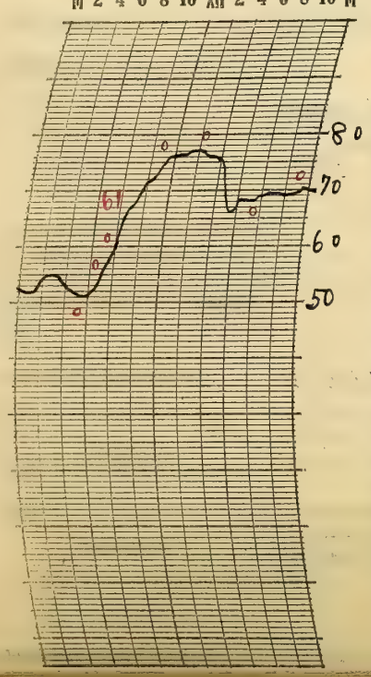
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.9 Wet temperature, 68.4
Dew-point, 65 R. humidity, 69 V. pressure, .616
Clouds: Amount, 9 ~~Fenr~~, Kind, Cu ast; Direction, SW
Velocity of clouds (miles per hour)

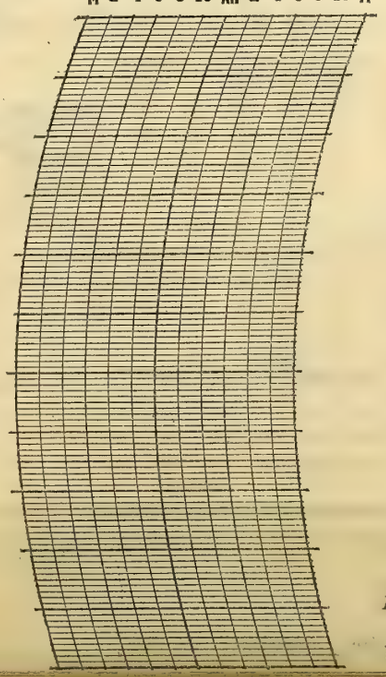
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

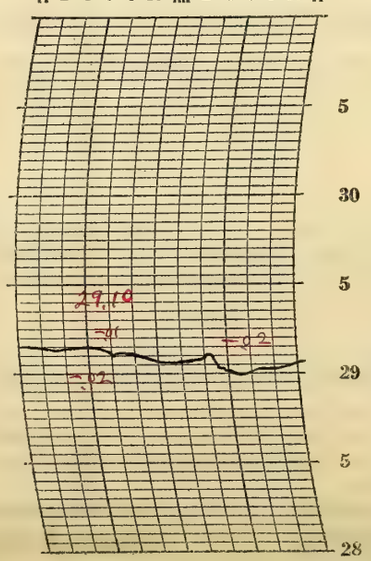
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was cloudy the greater part of the time although the sun shone through the clouds until about 2:00 p.m. The clouds became thinner at nightfall but the upper clouds continued into the night. Brighter stars visible through the clouds.

The temperature was above the normal and it became rather warm during the afternoon and continued warm into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 23 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	66	65	66	68	71	75	78	80	83	84	86	85	85	84	82	80	78	76	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear						X	Pt cldy					
Sunshine (in tenths of hours)					.17 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	S	S	S	S	S	S	S
Wind movement	10	11	13	11	11	8	6	7	11	11	11	9	9	11	15	16	13	11	8	9	10	8	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:50 Character, Clear
Moonrise: 5:32a Clear
Sunset: Time, 6:29 Character, Cloudy
Moonset: 7:09p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

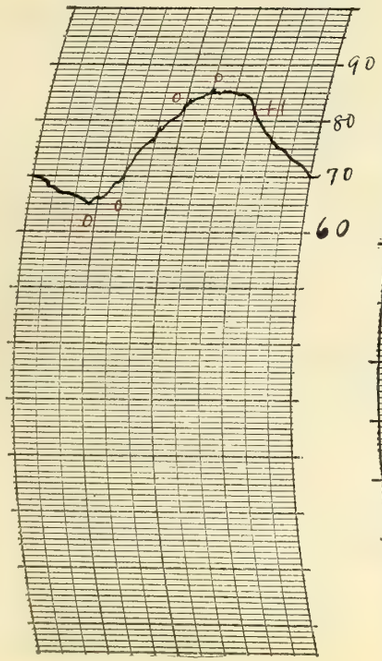
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.9 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 243
Average hourly velocity, 10.1 Extreme velocity, 20
Maximum velocity, 18 Direction, S
Time began, 2:38 p.m.
Reduced barometer, 30.01 7 a. m. 29.96 7 p. m.
River gage, 1.5 feet — Dam closed
Relative humidity, 77 7 a. m. 53 7 p. m.

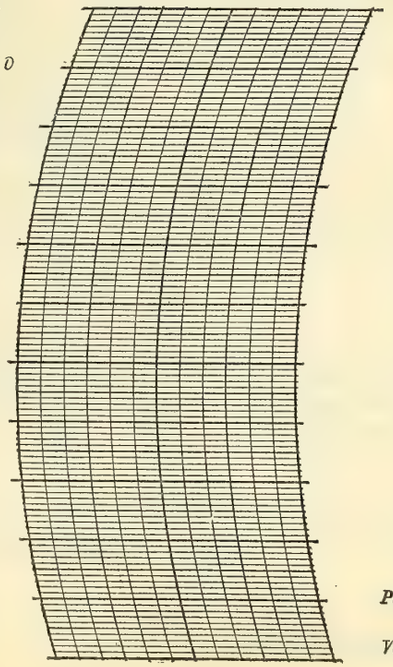
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.1 Wet temperature, 70.6
Dew-point, 65 R. humidity, 54 V. pressure, .616
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

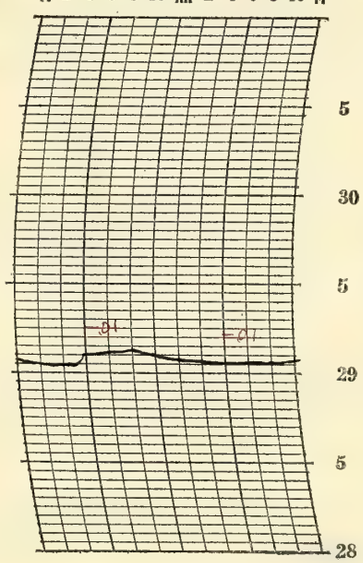
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—480

NOTES

The day was fair and the sky generally clear. There were a few lower clouds shortly after noon and a small amount of upper clouds at night. Brighter stars visible through the clouds.

The temperatures remained considerably above normal for the whole 24 hours and it became quite warm and sultry in the afternoon and night altho there was a pleasant breeze most of the time.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 24 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	67	67	69	74	79	80	81	84	85	86	87	88	86	85	82	78	76	75	69	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear						×	Pt Cldy		×	Clear		→
Sunshine (in tenths of hours)					.20 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	Ø 1.0	1.0	0.8	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	SW	NW	W
Wind movement	9	10	9	9	8	8	10	13	15	14	11	13	19	19	22	18	17	13	11	11	10	10	5	5

Sunrise: Time, 4:48 Character, Clear
Moonrise: 6:04a Clear
Sunset: Time, 6:30 Character, Cloudy
Moonset: 8:10p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

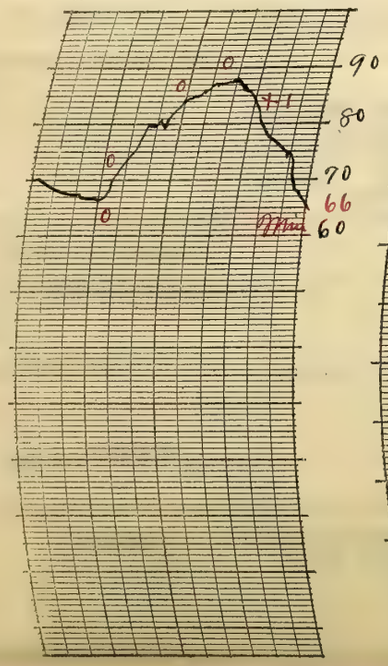
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 95
Prevailing wind direction, S Total wind, 289
Average hourly velocity, 12.0 Extreme velocity, 28
Maximum velocity, 25 Direction, S
Time began, 2:39 p.m.
Reduced barometer, 30.02 7 a. m. 29.91 7 p. m.
River gage, 2.1 feet
Relative humidity, 73 7 a. m. 41 7 p. m.

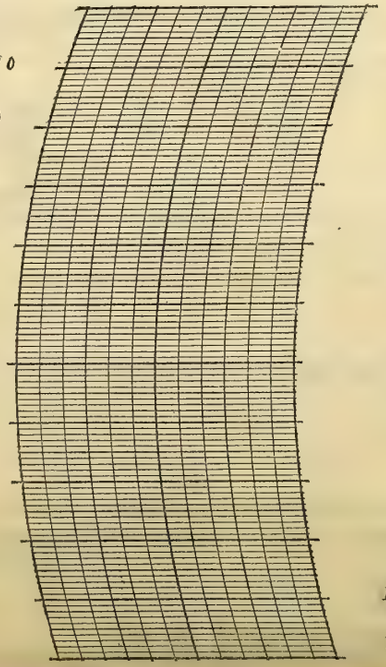
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 69.5
Dew-point, 62 R. humidity, 48 V. pressure, .555
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

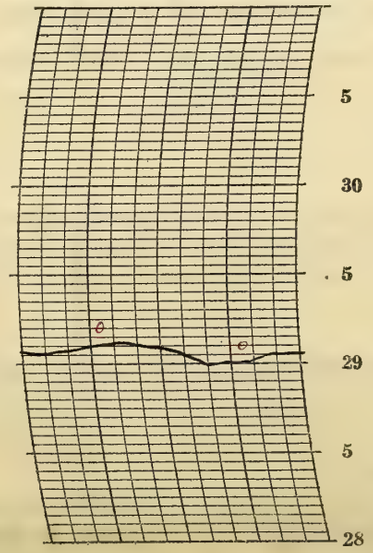
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by Ogo
Verified by C. McDonough

8—486

NOTES

By eye observation

A small amount of cloudiness prevailed throughout the day although sunshine was recorded most of the time.

The temperature remained high from the day before and it become very hot during the afternoon. There was a pleasant breeze most of the time.

The maximum temperature to-day 88.2°, is the highest recorded for this time of the year.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 25 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	62	62	61	60	63	66	69	70	72	75	72	72	72	72	72	71	71	70	68	67	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<		Pt Cldy				X		Cloudy				X		Pt Cldy		>		
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.3	0	0	0					
Wind direction	SW	S	SW	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	4	5	6	6	6	7	10	13	12	10	13	9	11	10	10	6	6	4	4	4	3	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:47 Character, Cloudy
Moonrise: 6:39 a Cloudy

Sunset: Time, 6:31 Character, Cloudy
Moonset: 9:10 p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 10:58 am
Reduced barometer, 30.03 7 a. m. 30.01 7 p. m.
River gage, 2.0 feet
Relative humidity, 73 7 a. m. 65 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

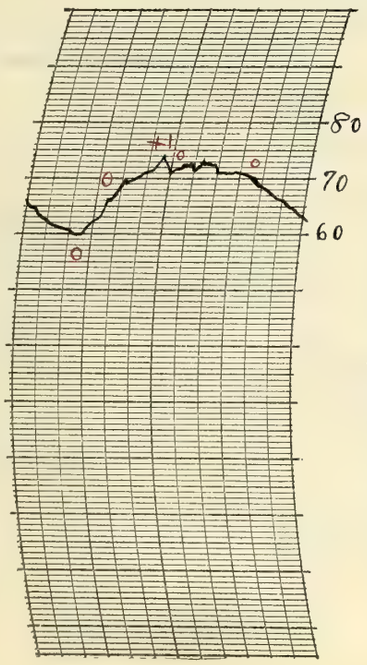
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 63.5
Dew-point, 59 R. humidity, 64 V. pressure, 499
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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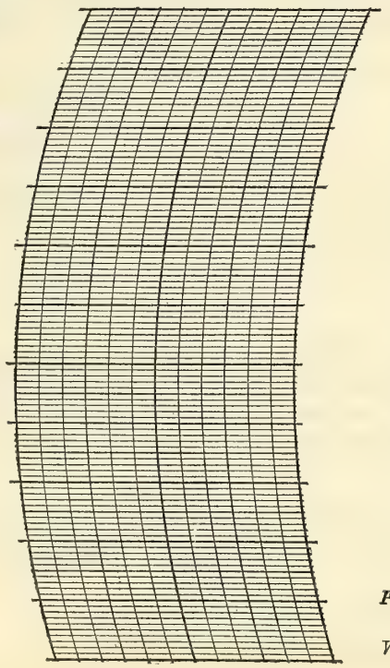
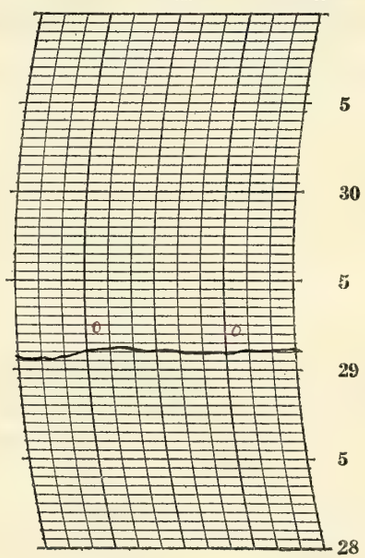


BAROGRAPH.



Prepared by O E P.
Verified by P. McDonough

8—486

NOTES

The sky was partly cloudy to cloudy all day and clouds continued into the night, altho the brighter stars and the moon were visible through the clouds.

The temperature was not so high as on the previous date but it was still above the normal. It was somewhat sultry during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 26 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	59	58	57	59	65	70	73	75	77	78	80	78	76	73	71	67	62	60	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)					0 (.25)	0.6 (.04)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 (0.1)	0 (0.3)					
Wind direction	SW	SW	W	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	6	4	4	4	6	8	9	10	11	11	13	12	14	14	16	16	14	10	8	7	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:45 Character, Clear
Moonrise: 7:17a Clear
Sunset: Time, 6:32 Character, Cloudy
Moonset: 10:06p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

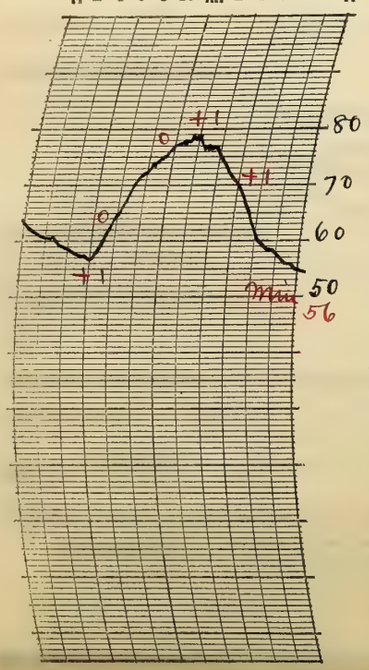
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 3:10 p.m.
Reduced barometer, 30.04 7 a. m. 29.99 7 p. m.
River gage, 2.0 feet
Relative humidity, 89 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 64.0
Dew-point, 56 R. humidity, 49 V. pressure, 448
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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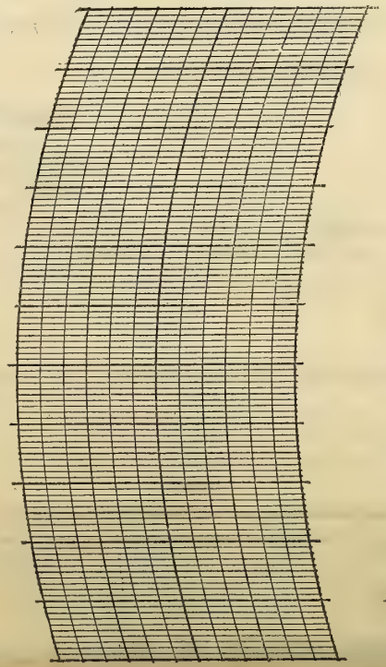
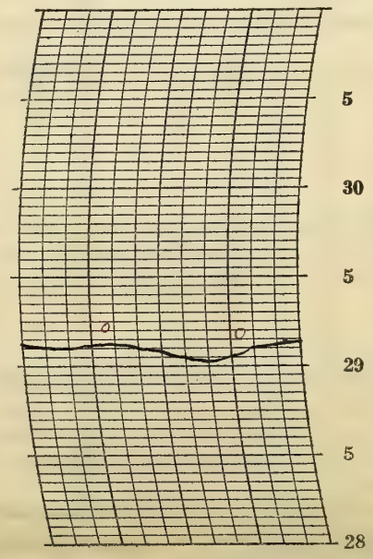


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Heavy dew in the early morning. A small amount of clouds persisted during the day altho it was mostly clear. The stars shone brilliantly and the new moon was visible for a while in the evening. It became warm in the afternoon but the weather as a whole was very fine.

Earthquake. – Light tremors were reported from different sections of the city, – the northeast, west, southwest and south. Several persons reported. Time a few minutes after 10:00 p.m. Doors, windows, furniture, dishes were shaken. Slight shaking of houses.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 27 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	50	50	48	48	49	51	53	57	58	58	58	60	59	58	58	57	55	54	52	51	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)					0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	6	6	7	6	7	9	14	10	11	13	12	12	8	9	7	8	9	9	9	10	11	11	12	11

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 7:59a Cloudy
Sunset: Time, 6:33 Character, Cloudy
Moonset: 10:58p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

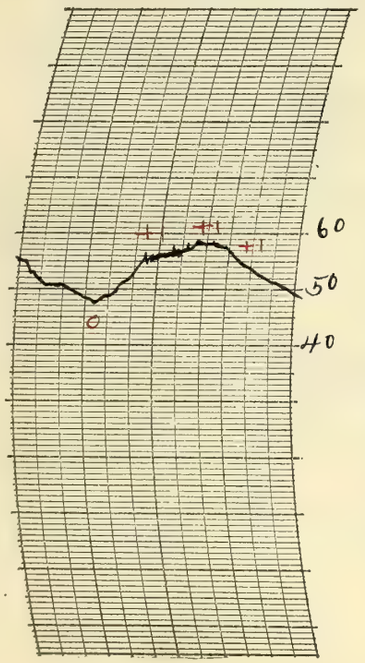
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	48	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 61
Prevailing wind direction, N Total wind, 226
Average hourly velocity, 9.4 Extreme velocity, 19
Maximum velocity, 17 Direction, N
Time began, 7:20 am.
Reduced barometer, 30.15 7 a. m. 30.10 7 p. m.
River gage, 20 feet
Relative humidity, 73 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 57.5 Wet temperature, 46.7
Dew-point, 35 R. humidity, 43 V. pressure, .203
Clouds: Amount, 10; Kind, A St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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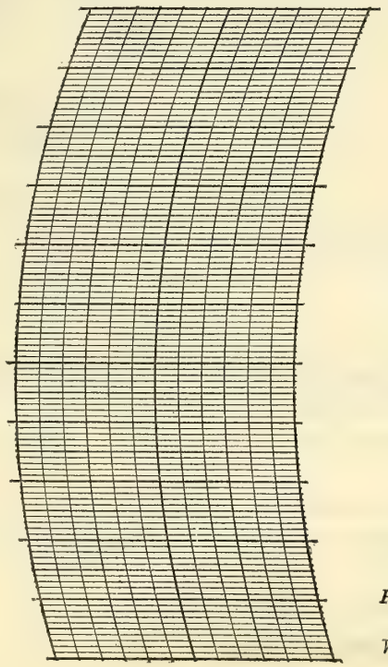
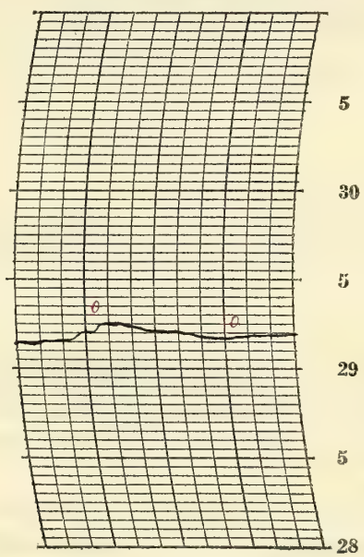


BAROGRAPH.



Prepared by O.E.K.
Verified by P. McDonough

8—486

NOTES

o Estimated

The sky was nearly overcast the greater part of the time. Considerable sunshine was recorded through the upper clouds. The moon and a few brighter stars visible through clouds at night.

The temperature was nearly seasonal. The north wind seemed cool.

Sunshine through thin clouds during day.

Solar halo, 22° radius, was observed from 4:45 p.m. to about 5:30 p.m. More than 180° of circle visible.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	42	41	40	40	42	44	46	48	50	54	55	57	59	60	58	56	54	52	51	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Clear						×		Pt cldy		×	Cloudy		→
Sunshine (in tenths of hours)					.28 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	N	N	N	N	N	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E
Wind movement	11	15	15	13	12	14	15	17	15	15	15	12	12	12	13	13	12	12	7	10	7	8	10	12

Sunrise: Time, 4:43 Character, Clear
Moonrise: 8:46a Clear
Sunset: Time, 6:34 Character, Cloudy
Moonset: 11:45p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

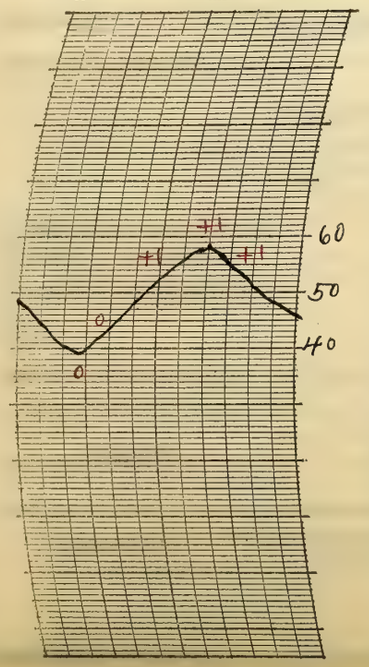
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 88
Prevailing wind direction, NE Total wind, 297
Average hourly velocity, 12.4 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 2:07 a.m.
Reduced barometer, 30.16 7 a. m. 30.04 7 p. m.
River gage, 2.0 feet
Relative humidity, 59 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.7 Wet temperature, 40.9
Dew-point, 23 R. humidity, 28 V. pressure, .118
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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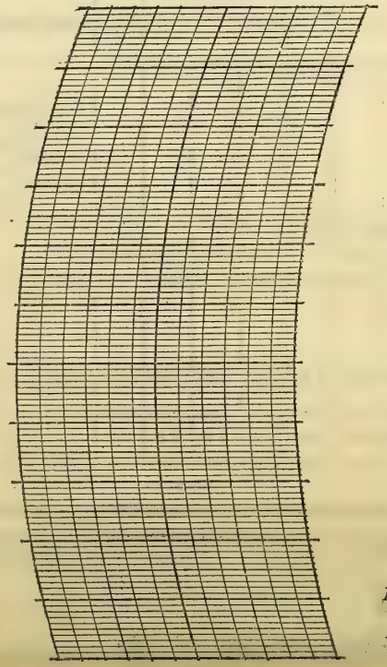
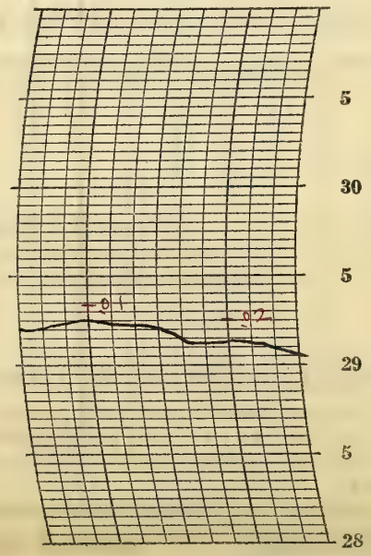


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

NOTES

The sky was clear until late afternoon when upper clouds came in. Cloudy at night. The position of the moon and a few of the brighter stars could be seen through the clouds.

It was a little cool for the season.

Solar halo, 22° radius, observed 4:30 p.m. to 6:25 p.m. About 180° visible at times. The last part to fade out was a bright spot above the sun.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 29 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	43	43	43	43	43	43	45	40	40
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	–	–	–	–	–
Amounts of precipitation							T	T	.04	.14	.16	.07
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	NE	E	E	E	E	E	E	E	E	SW	SW
Wind movement	10	10	11	11	9	10	9	9	9	7	11	7

Sunrise: Time, 4:41 Character, Cloudy
Moonrise: 9:36 a Cloudy

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	40	41	42	42	41	40	40	40	41	40
State of weather: Nature of precipitation and time of beginning and ending	–	–	RE 2:40		RB 4:35	RE 5:50		RB 7:15	RE 8:10			
Amounts of precipitation	.05	.02	.01		T	T		T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	S	S	S	S	SE	E	E	E	E	SE	S
Wind movement	9	6	3	6	4	5	3	3	3	3	3	7

Sunset: Time, 6:35 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

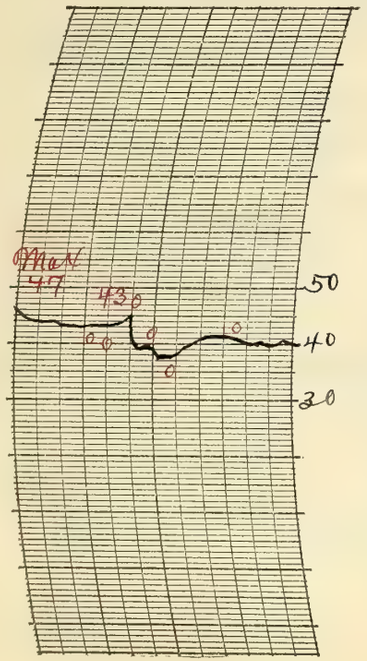
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	38	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .49 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 22
Maximum velocity, 18 Direction, S
Time began, 10:04 am
Reduced barometer, 29.78 7 a. m. 29.71 7 p. m.
River gage, 1.8 feet
Relative humidity, 77 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.3 Wet temperature, 39.3
Dew-point, 38 R. humidity, 92 V. pressure, 228
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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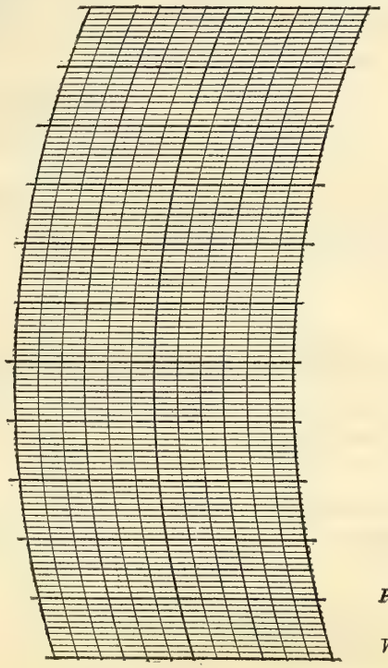
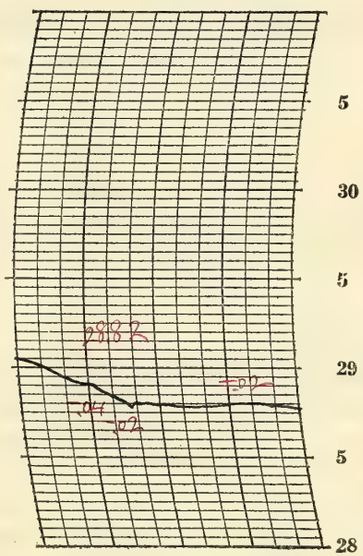


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

6—486

NOTES

The sky was overcast all day with moderate rainfall during the forenoon and early afternoon. There were also light sprinkles in the late afternoon and at night. The moon was visible through rifts in the clouds.

A rather cool, damp day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	38	38	37	40	41	42	47	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			×	Pt Cldy		×	
Sunshine (in tenths of hours)					0	0	0.3	0	0.1	1.0	0.8	0.7
Wind direction	S	S	S	S	S	SE	NE	NE	NE	NE	NE	N
Wind movement	5	4	3	2	3	2	2	4	6	5	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	53	52	51	50	49	48	44	43	43	43
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10 RE 5:20			RB 8:45	- - -	- - -	RE DN
Amounts of precipitation						T			T	.02	.01	T
Cloudiness and other conditions				Cloudy						>		
Sunshine (in tenths of hours)	0.6	0.2	0.6	0.4	0	0	0					
Wind direction	N	N	N	NW	N	NW	N	N	NE	N	W	W
Wind movement	6	7	5	6	9	5	7	7	11	4	4	5

Sunrise: Time, 4:40 Character, Cloudy
Moonrise: 10:29a Cloudy
Sunset: Time, 6:36 Character, Cloudy
Moonset: 12:29a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

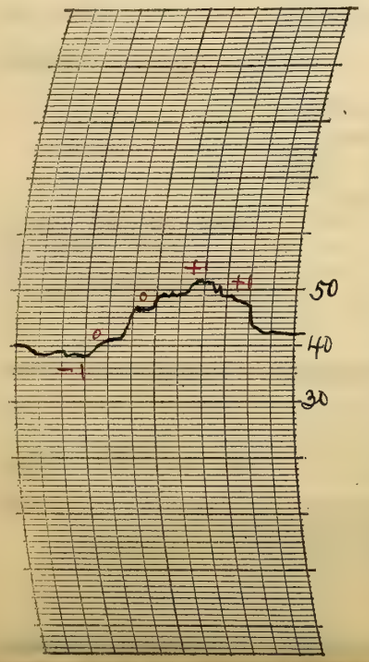
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase, 4 first Quarter 9:20 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 34
Prevailing wind direction, N Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 8:08 p.m.
Reduced barometer, 29.71 7 a. m. 29.81 7 p. m.
River gage, 1.9 feet
Relative humidity, 86 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.9 Wet temperature, 41.7
Dew-point, 34 R. humidity, 59 V. pressure, .195
Clouds: Amount, 8; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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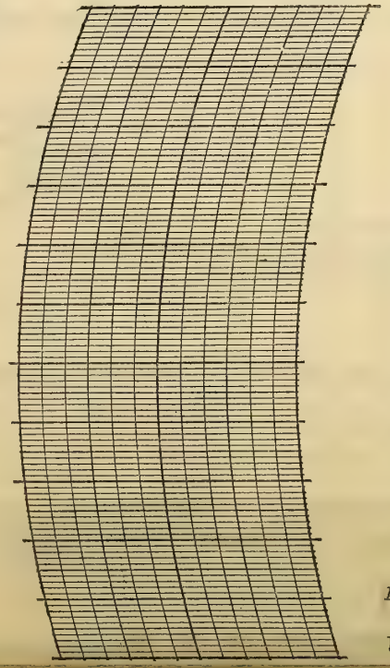
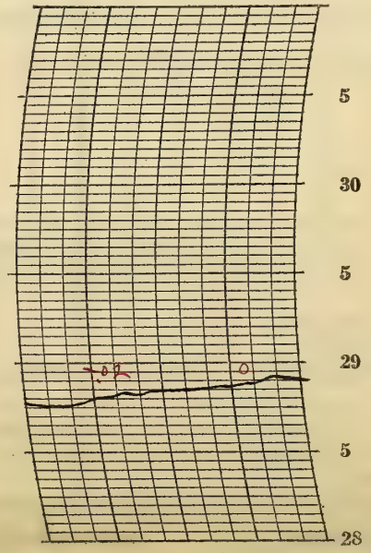


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

The sky was clear for a while in the early morning but the clouds increased and it was mostly cloudy after 10:00 a.m. A light sprinkle occurred in the late afternoon and a small shower at night. The position of the moon was visible through rifts in the clouds for a while in the early evening.

The temperature was below the seasonal average and the north wind was rather cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 1 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	42	42	44	48	50	53	55	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt Cldy				
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	NW	W	NW	W	W	SW	W	W	W	W	W	W
Wind movement	6	4	5	7	8	7	10	12	13	17	16	16

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	53	51	50	48	44	43	42	40	39
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy		Pt Cldy				Clear					
Sunshine (in tenths of hours)	0.9	0.4	1.0	1.0	1.0	0.1 0.9	.62 0					
Wind direction	W	W	W	W	W	W	W	W	W	SW	W	W
Wind movement	14	18	19	21	20	19	13	12	10	12	11	11

State of weather.

Sunrise: Time, 4:39 Character, Cloudy
Moonrise: 11:25 a Cloudy

Sunset: Time, 6:37 Character, Clear
Moonset: 1:08 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

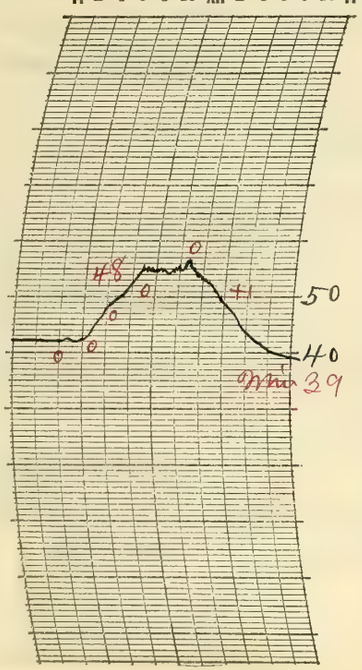
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.7 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 76
Prevailing wind direction, W Total wind, 301
Average hourly velocity, 12.5 Extreme velocity, 26
Maximum velocity, 24 Direction, NW
Time began, 3:29 p.m.
Reduced barometer, 29.78 7 a. m. 29.79 7 p. m.
River gage, 1.8 feet
Relative humidity, 85 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.3 Wet temperature, 45.1
Dew-point, 35 R. humidity, 48 V. pressure, .203
Clouds: Amount, 6; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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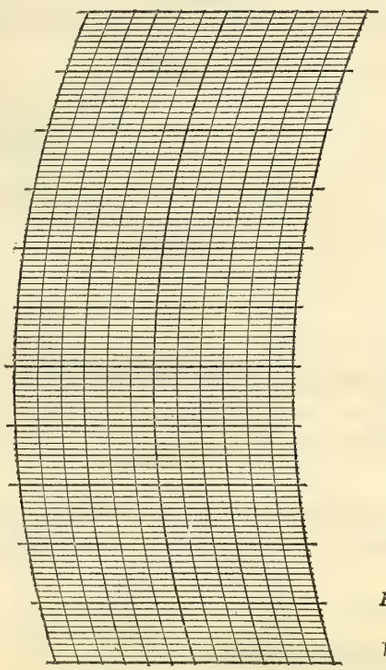
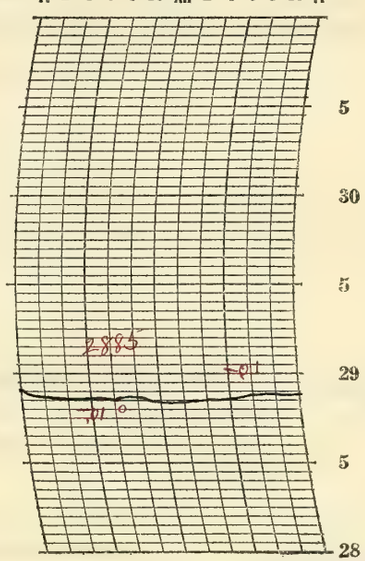


BAROGRAPH.



Prepared by OCR

Verified by T. M. Donnegan

8—486

NOTES

There was more or less cloudiness until late afternoon when the sky cleared. Stars bright. Pale moonlight.

The temperature was still somewhat below the seasonal average. Moderate west wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 2 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	35	34	35	39	43	45	48	50	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunshine (in tenths of hours)					.38 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	9	8	9	8	9	9	11	12	14	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	57	58	58	58	57	54	52	51	50	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								X	74 cloudy			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	W	W ø	W ø	W	SW	SW	NW	N	N	NE	NE	NE
Wind movement	13	15	14	14	12	8	5	3	3	1	2	2

Sunrise: Time, 4:37 Character, Clear
Moonrise: 12:24p Clear
Sunset: Time, 6:38 Character, Cloudy
Moonset: 1:43a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

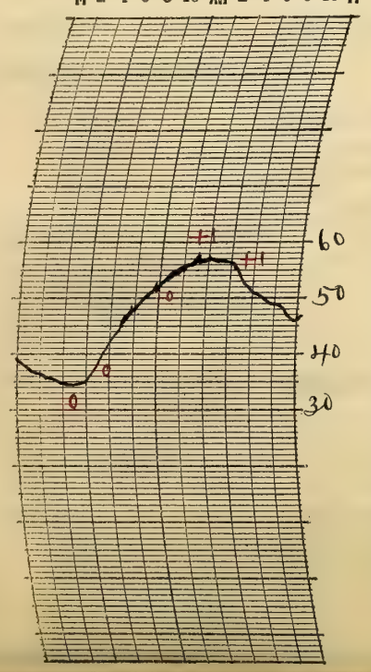
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 89
Prevailing wind direction, W Total wind, 218
Average hourly velocity, 9.1 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 9:40 am
Reduced barometer, 29.88 7 a. m. 29.80 7 p. m.
River gage, 1.9 feet
Relative humidity, 65 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.2 Wet temperature, 40.4
Dew-point, 26 R. humidity, 36 V. pressure, 13.6
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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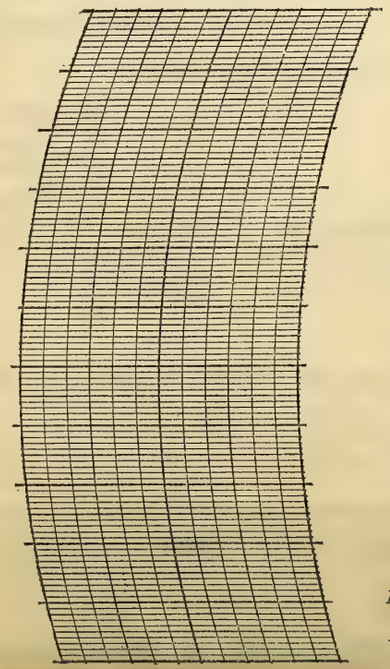
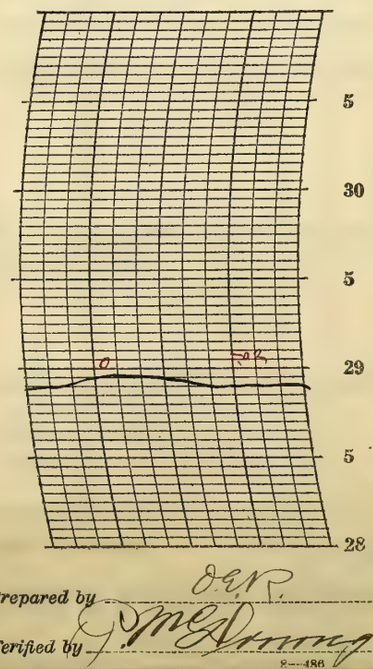


BAROGRAPH.



Prepared by D.E.R.

Verified by J. McDonough

NOTES ø Estimated:

Light frost in early morning. Only a few clouds appeared in the sky during the day. Upper clouds increased during the evening and continued into the night. Pale moonlight. The day was rather cool for the season.

A Solar halo, 22° radius, upper portion, visible from 4:43 p.m. to 5:50 p.m. Parhelia appeared at right and left of Sun from 4:43 p.m. till 5:30 p.m.

A complete Lunar halo, 22° radius, was visible at 8:00 p.m. and after.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 3 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	44	44	45	47	50	51	51	55	62	64	67	64	70	67	61	55	54	53	50	49	48
State of weather: Nature of precipitation and time of beginning and ending									RB 8:50	RE 9:30					RB 2:20 RE 2:30			RB 5:10 RE 5:20 RB 5:57	RE 6:30					
Amounts of precipitation									T	.01					T			.03	.07					
Cloudiness and other conditions						←		Cloudy		→			Cldy	→		Cloudy		→	Cldy	→	Clear			
Sunrise: Time, Character,	4:36 Cloudy																							
Moonrise:	1:25p Cloudy																							
Sunset: Time, Character,																					6:39 Cloudy			
Moonset:																					2:16a Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.1	0.7	0	1.0	1.0	1.0	0.8	0.3	1.0	0.4	0	0					
Wind direction	E	SE	S	S	S	S	S	S	S	S	S	S	S	S	NW	SW	SW	W	SW	W	SW	NW	W	SW
Wind movement	4	4	6	9	10	9	9	11	15	8	14	19	20	17	10	16	17	10	18	6	6	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																			33 SW 6:17					

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	44	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 45
Prevailing wind direction, SS Total wind, 250
Average hourly velocity, 10.4 Extreme velocity, 42
Maximum velocity, 33 Direction, SW
Time began, 6:17 p.m.
Reduced barometer, 29.70 7 a. m. 29.60 7 p. m.
River gage, 2.0 feet
Relative humidity, 63 7 a. m. 64 7 p. m.

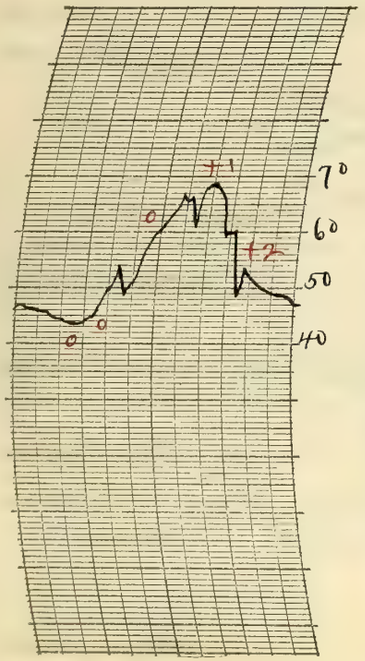
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

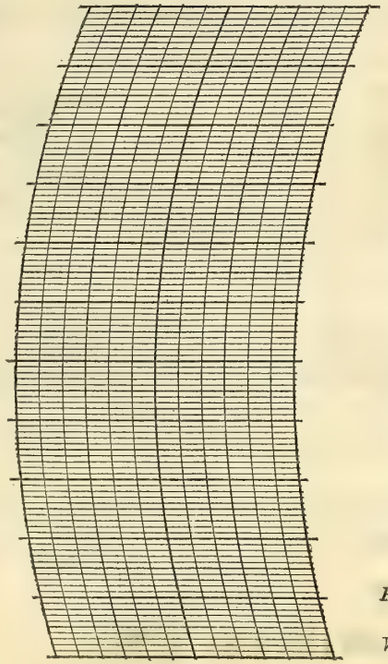
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.5 Wet temperature, 52.0
Dew-point, 44 R. humidity, 52 V. pressure, 287
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

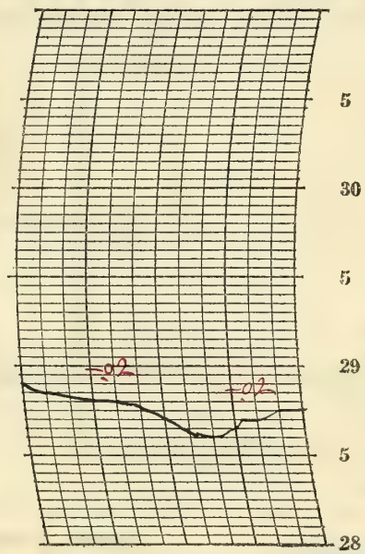
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.K.

Verified by M. Donovan

8-1486

NOTES

The sky was mostly cloudy during the day although the amount of cloudiness varied from time to time and the sun shone considerably through the clouds. Light showers occurred during the day. The sky cleared shortly after 7:00 p.m. and remained clear into the night. Moonlight.

Thunderstorm began 1:55 pm and ended 2:30 p.m. A second thunderstorm began 5:05 p.m. and ended 6:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 4 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	45	45	45	44	46	46	43	45	46	48
Nature of precipitation and time of beginning and ending				RB DN	—	RE 5:05		RB 7:25	— —	RE 9:30		
Amounts of precipitation				.01	.04	T		.01	.02	T		
Cloudiness and other conditions						<					Cloudy	
Sunrise: Time, 4:35 Character, Cloudy												
Moonrise: 2:27 p Cloudy												
Sunshine (in tenths of hours)					0	0	0.3	0	0	0.2	0	0
Wind direction	SW	S	S	SW	N	NE	NE	NW	NW	N	NW	NW
Wind movement	5	6	4	4	6	9	9	9	12	10	7	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	51	48	50	47	45	43	43	42	40	41	40
Nature of precipitation and time of beginning and ending		RB 1:40	RE 2:30	RB 3:35	—	—	RE 6:05					
Amounts of precipitation		.04	T	.04	.04	T	T					
Cloudiness and other conditions								X Clear >				
Sunset: Time, 6:40 Character, Cloudy												
Moonset: 2:46 a Cloudy												
Sunshine (in tenths of hours)	0.4	0.1	0.1	0	0	0	0					
Wind direction	NW	NW	W	SW	W	NW	NW	W	W	W	W	W
Wind movement	8	8	6	5	9	14	13	9	9	8	10	9

Skate of weather.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.1 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 8
Prevailing wind direction, NW Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 6:04 p.m.
Reduced barometer, 29.60 7 a. m. 29.82 7 p. m.
River gage, 2.5 feet
Relative humidity, 84 7 a. m. 78 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

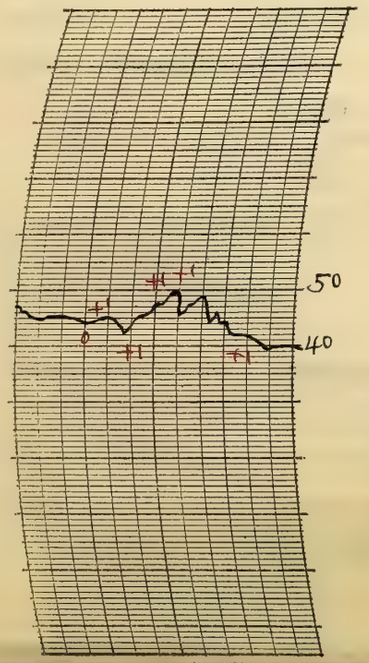
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

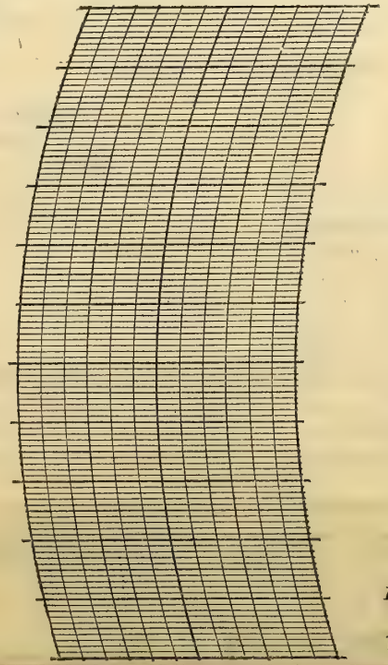
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 45.0
Dew-point, 42 R. humidity, 80 V. pressure, 2.66
Clouds: Amount, 10; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

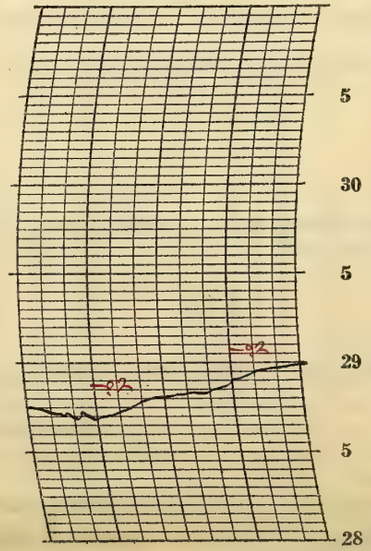
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was overcast the greater part of the and several light showers occurred. The sky cleared about 8:00 p.m and there was bright moonlight for a while.

The weather was damp and rather cool for the season

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 5 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	39	40	41	42	43	45	46	43
State of weather: Nature of precipitation and time of beginning and ending							RB 6:20 RE 6:30					RB 11:03 RE 11:32 RS+LB 11:32 RS+SE 11:36 RB 11:36
Amounts of precipitation							T					.03
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	4:33 Cloudy											
Moonrise:	3:33p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.4	0
Wind direction	W	W	W	W	W	W	SW	SW	SW	W	W	W
Wind movement	9	8	8	9	7	5	5	6	6	8	8	9
Maximum velocities (exceeding 29 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	44	46	47	47	47	46	46	45	43	42
State of weather: Nature of precipitation and time of beginning and ending	RE 12:03	RB 1:50	---	RE 3:30							RB DN	---
Amounts of precipitation	T	T	T	T							T	T
Cloudiness and other conditions												
Sunset: Time, Character									6:41 Cloudy			
Moonset:									3:16a Cloudy			
Sunshine (in tenths of hours)	0.5	0	0	0	0	0	0					
Wind direction	N	SW	W	SW	SW	SW	SW	SW	W	W	NW	W
Wind movement	5	14	11	8	9	6	5	5	3	6	8	5

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	39	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.9 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 6
Prevailing wind direction, W Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 1:40 p. m.
Reduced barometer, 29.99 7 a. m. 30.03 7 p. m.
River gage, 2.1 feet
Relative humidity, 80 7 a. m. 60 7 p. m.

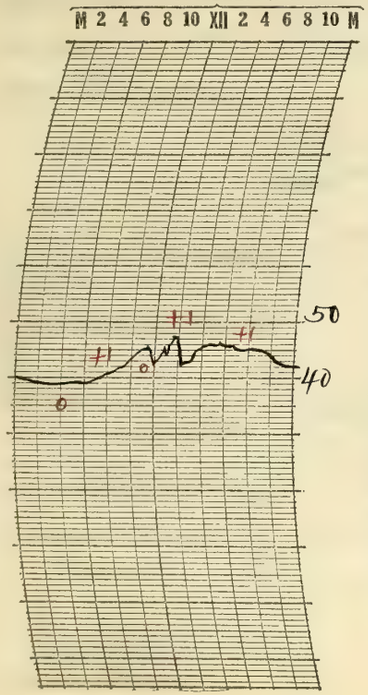
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 43.4 Wet temperature, 41.1
Dew-point, 39 R. humidity, 83 V. pressure, 123.7
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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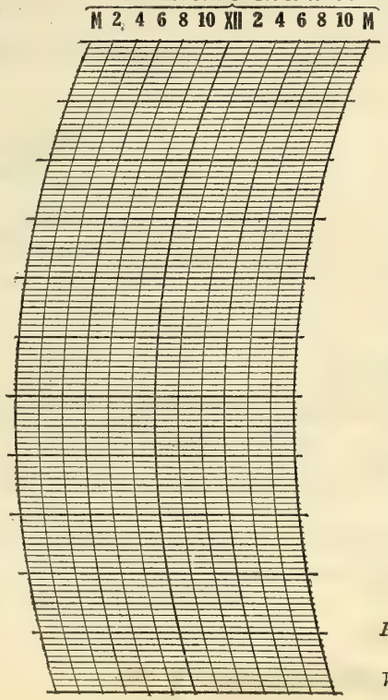
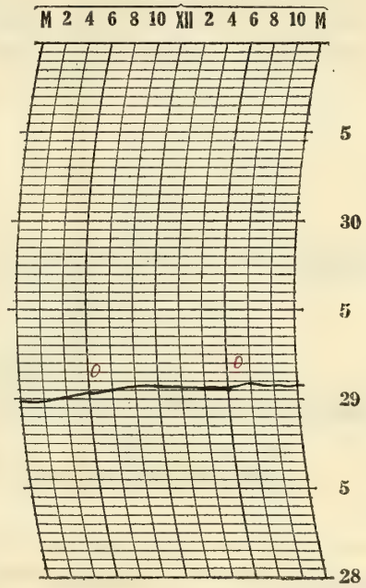


BAROGRAPH.



Prepared by OSR

Verified by M C Donnegh

NOTES

The sky remained overcast all day with showers in the early morning, during the middle of the day and late at night. The total amount of precipitation was small. Sleet was mixed with the rain from 11:32 am to 11:36 a.m.

The temperature remained low for the season.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	38	37	39	41	45	47	48	50	48	45	49	46	43	46	46	45	42	41	41	41	40
State of weather: Nature of precipitation and time of beginning and ending	RE DN									RB 9:04 RE 9:17	RB 10:45	RE 11:25 RB 11:58	RE 12:15 RB 12:45	RE 1:15										
Amounts of precipitation	.01									T	T	T	T	T										
Cloudiness and other conditions	← Pt cldy →												Cloudy				← Pt cldy →		← clear →		← Pt cloudy →			

Sunrise: Time, 4:32 Character, Cloudy
Moonrise: 4:39p Cloudy
Sunset: Time, 6:42 Character, Cloudy
Moonset: 3:47a Cloudy

Sunshine (in tenths of hours)					0	0	0.4	0.9	1.0	0.8	0.7	0.3	0.4	0.6	0.1	0.2	0.8	0.1	0					
Wind direction	W	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	NW	NW	W	NW	W	W	W	W	W	W	W	W
Wind movement	7	5	6	7	8	8	6	8	10	12	14	14	16	10	17	15	14	15	8	6	5	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

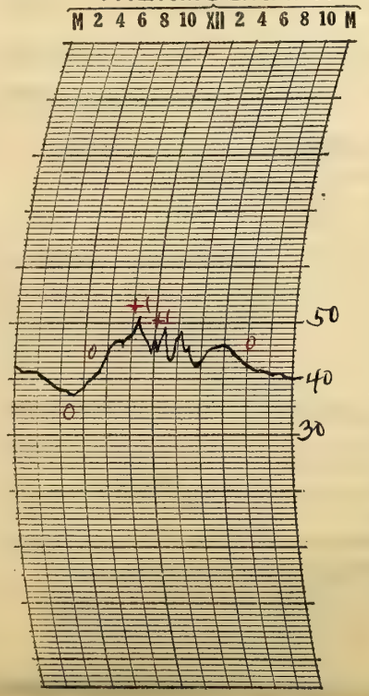
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 44
Prevailing wind direction, SW-W Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 26
Maximum velocity, 25 Direction, NW
Time began, 2:09 p.m.
Reduced barometer, 30.067 a. m. 30.10 7 p. m.
River gage, 1.9 feet
Relative humidity, 80 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 42.0
Dew-point, 35 R. humidity, 59 V. pressure, 208
Clouds: Amount, 8; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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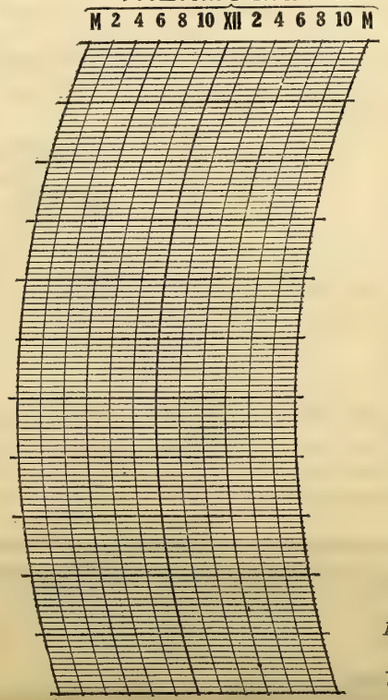
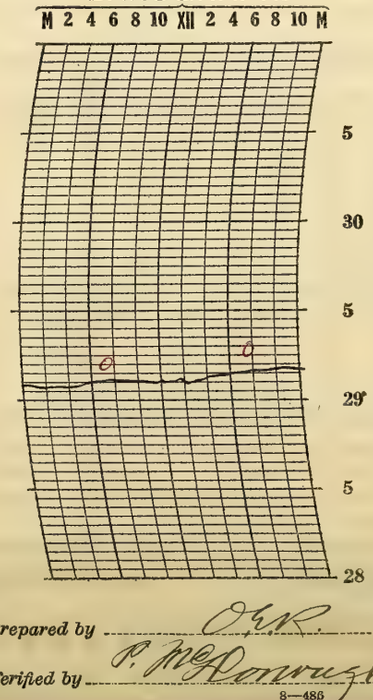


BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

8—48ß

ϕ Estimated.

NOTES

The amount of cloudiness varied considerably from time to time. A shower that continued from the day before ended during the night a.m. Light showers occurred through the middle of the day but the total precipitation was very small.

The sky continued partly overcast into the night. The moon shone at intervals through rifts in the clouds.

Lunar halo, 22° radius, observed from 7:45 p.m. to 8:15 p.m. A lunar corona, brightly colored, was visible at 8:00 p.m. and at intervals till after 10 p.m.

The temperature continued low for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 7 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	37	37	39	41	48	51	54	54	54	56	58	56	57	56	55	53	51	50	49	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				×	Pt	Cloudy			×			Clear					→
Sunrise: Time, 4:31 Character, Clear																					Sunset: Time, 6:43 Character, Cloudy			
Moonrise: 5:49p Clear																					Moonset: 4:19a Clear			
Sunshine (in tenths of hours)					48 0	.07 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	SW	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	S	S
Wind movement	6	7	8	7	9	8	11	10	11	12	13	14	15	15	13	12	13	9	6	4	1	2	6	1
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 92
Prevailing wind direction, SW Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 11:45 am
Reduced barometer, 30.12 7 a. m. 30.08 7 p. m.
River gage, 2.0 feet
Relative humidity, 73 7 a. m. 40 7 p. m.

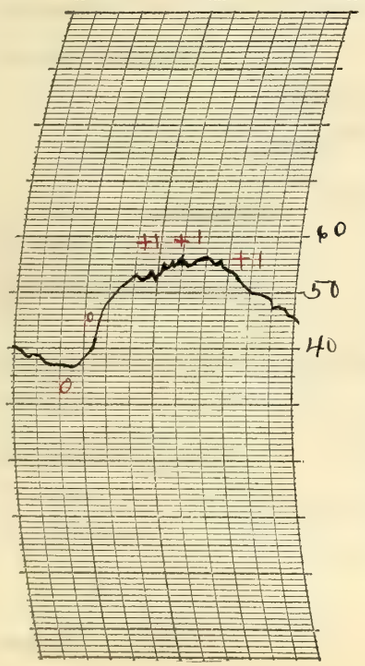
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

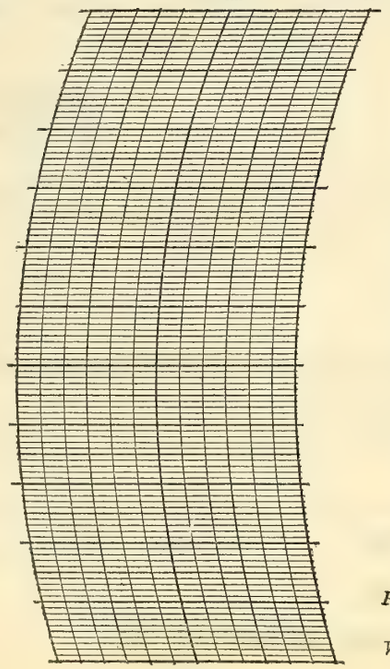
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 47.5
Dew-point, 28 R. humidity, 35 V. pressure, .150
Clouds: Amount, 5; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

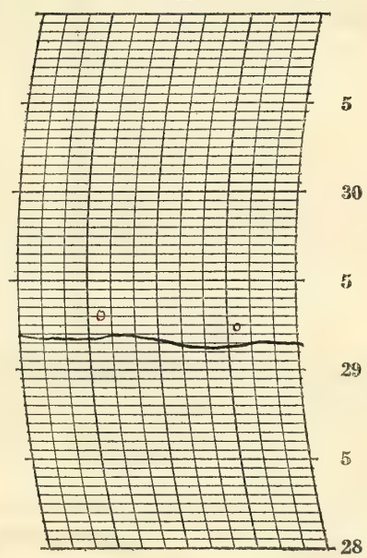
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEK

Verified by P. McDonough

8—486

NOTES

Light frost in early morning. The sky was clear in the morning and again in the evening and partly cloudy through the middle of the day. Bright moonlight at night. Temperatures below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 8 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	42	42	43	46	50	55	59	63	64	64	63	62	63	61	60	59	57	55	54	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Pt Cloudy						X				Cloudy			→
Sunshine (in tenths of hours)					0	0	0	0	0.6	0.5	0	0.2	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	S	S	S	S	S	SW	W	NW	NE	E	S	S	SW	SW	SW	W	W	W	NW	NW	NW	NW	N	N
Wind movement	5	5	5	7	5	4	2	3	3	4	6	12	12	13	12	12	9	7	6	6	5	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:30 Character, Cloudy
Moonrise: 7:00p Cloudy

Sunset: Time, 6:44 Character, Cloudy
Moonset: 4:54a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

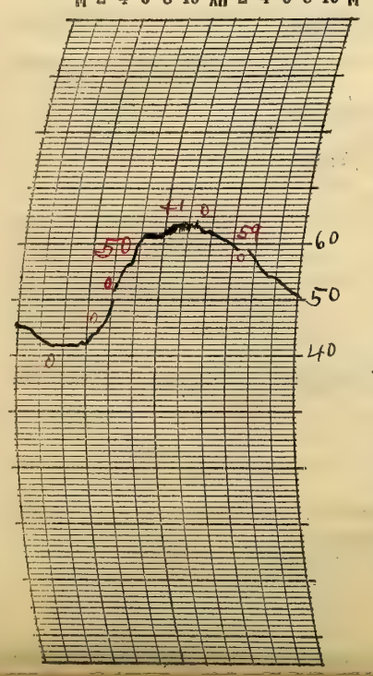
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	42	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, Full moon 7:43 am
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 39
Prevailing wind direction, S Total wind, 16.0
Average hourly velocity, 6.7 Extreme velocity, 20
Maximum velocity, 17 Direction, W
Time began, 1:50 p.m.
Reduced barometer, 30.10 7 a. m. 30.00 7 p. m.
River gage, 2.1 feet
Relative humidity, 57 7 a. m. 44 7 p. m.

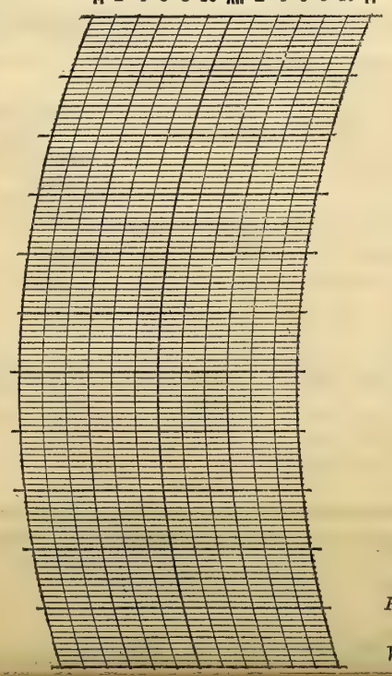
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.5 Wet temperature, 48.3
Dew-point, 31 R. humidity, 30 V. pressure, 1.72
Clouds: Amount, 2/3; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

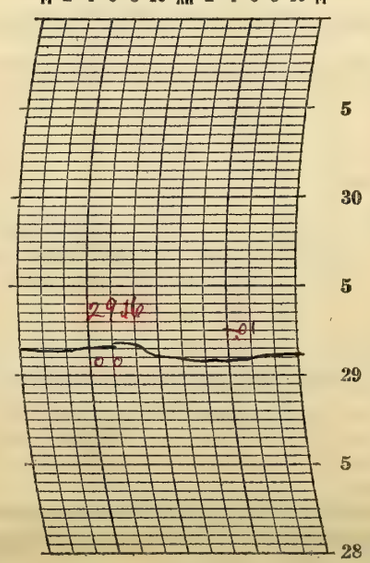
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

NOTES

The sky was partly overcast during the day and became entirely cloudy at night. The moon was mostly obscured. Temperatures slightly higher but still below the normal.

Solar halo, 22° radius observed from 4:20 p.m. until 6:15 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	49	48	52	54	58	61	64	68	67	69	69	68	67	66	65	64	63	61	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear						X Pt cloudy X							Cloudy					→
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	N	N	N	N	N	N	E	E	E	E	E	SE	S	S	S	S	S	S	S	SE	SE	SE	S	S
Wind movement	5	2	1	1	1	3	3	5	5	5	5	5	7	9	9	11	10	8	8	7	5	7	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:29 Character, Cloudy
Moonrise: 8:12p Cloudy

Sunset: Time, 6:45 Character, Cloudy
Moonset: 5:34a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	48	58	

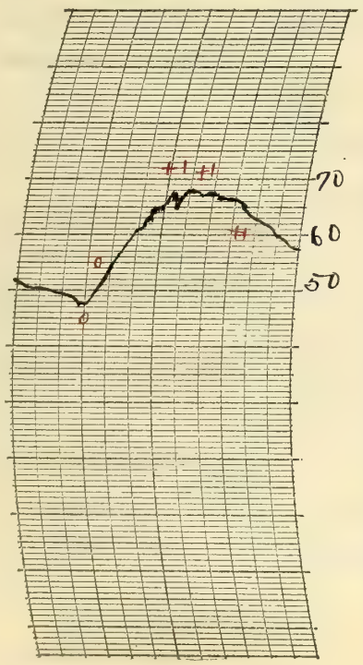
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 66
Prevailing wind direction, S Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 3:28 p.m.
Reduced barometer, 30.03 7 a. m. 29.91 7 p. m.
River gage, 20 feet
Relative humidity, 47 7 a. m. 55 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 53.6
Dew-point, 41 R. humidity, 38 V. pressure, 256
Clouds: Amount, 4 a ow; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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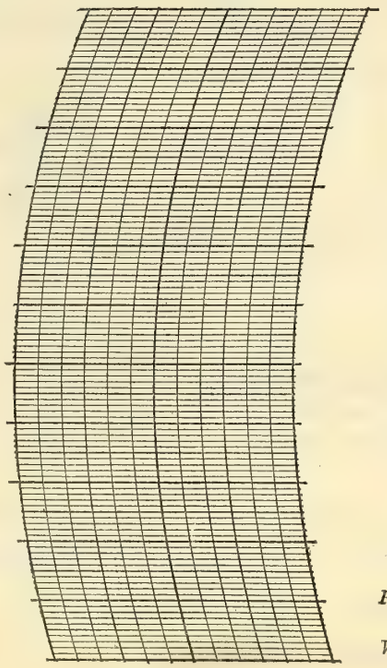
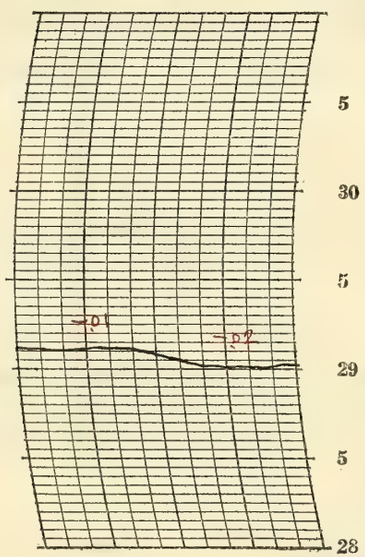


BAROGRAPH.



Prepared by O.R.

Verified by P. McAmough

8—486

NOTES

The sky was clear during most of the forenoon but the clouds increased till it was over cast in the late afternoon and into the night.

The temperature was nearly normal for the season and the weather was pleasant.

22° Solar halo observed 12:30 p.m till 5:20 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 10 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	55	56	57	58	60	61	62	63	65	67	67	70	71	68	68	66	65	64	64	62	59
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:45 RE 4:55							
Amounts of precipitation																	T							
Cloudiness and other conditions							Cloudy						Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.1	0	0.6	1.0	0.2	0.5	0	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	NW	NW	NW	NW	NW	NW
Wind movement	4	7	5	5	4	5	5	4	6	6	8	8	7	9	9	10	10	8	9	4	5	3	6	9

Sunrise: Time, 4:28 Character, Cloudy
Moonrise: 9:21p Cloudy

Sunset: Time, 6:46 Character, Cloudy
Moonset: 6:20a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

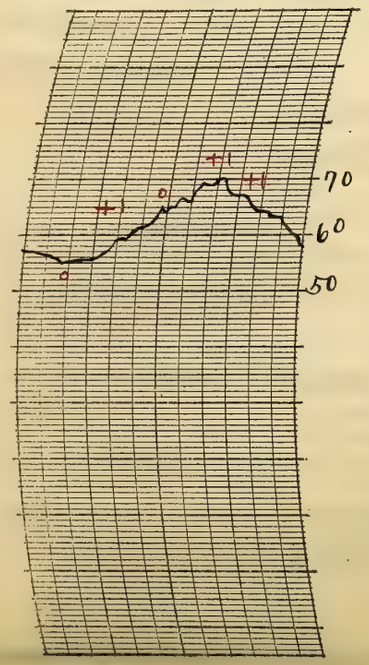
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	55	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 17
Prevailing wind direction, S Total wind, 156
Average hourly velocity, 6.5 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 4:30 p.m.
Reduced barometer, 29.94 7 a. m. 29.94 7 p. m.
River gage, 2.5 feet
Relative humidity, 85 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.4 Wet temperature, 59.2
Dew-point, 55 R. humidity, 69 V. pressure, 432
Clouds: Amount, 9; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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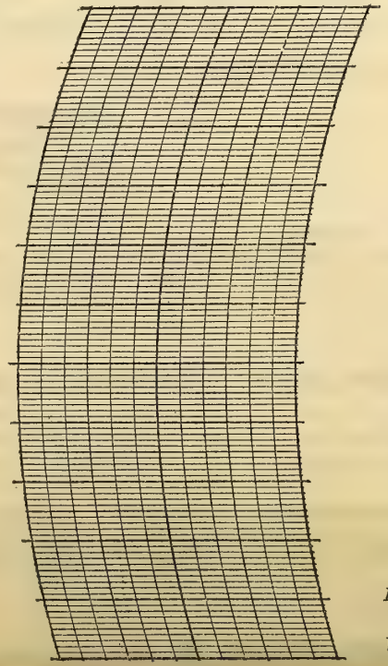
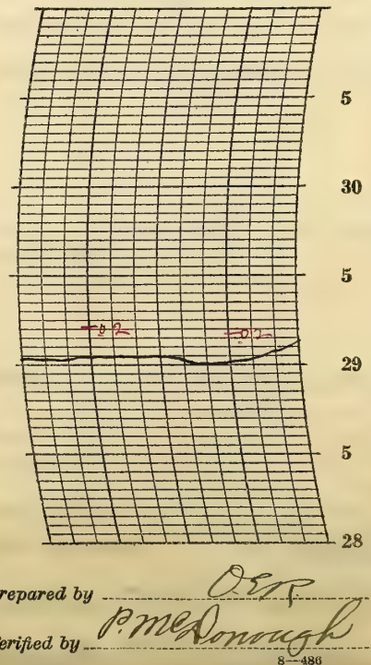


BAROGRAPH.



Prepared by OSP
Verified by P. McDonough

8—486

NOTES

The amount of cloudiness varied from time to time but the day was mostly cloudy. A light sprinkle occurred in the afternoon and others threatened at times during the afternoon and night. The sky was still mostly cloudy at 10:00 p.m.

Temperature about normal except that it was a little high during the early morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 11 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	50	48	43	41	40	42	43	45	49	51	54	55	57	59	60	60	59	58	56	54	49	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear										→		
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	NW	NW	N	N	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	NW	NW	N
Wind movement	14	14	13	12	15	15	17	16	14	12	10	10	8	8	7	6	6	5	4	3	3	5	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:27 Character, Clear
Moonrise: 10:25p Clear
Sunset: Time, 6:47 Character, Clear
Moonset: 7:14a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

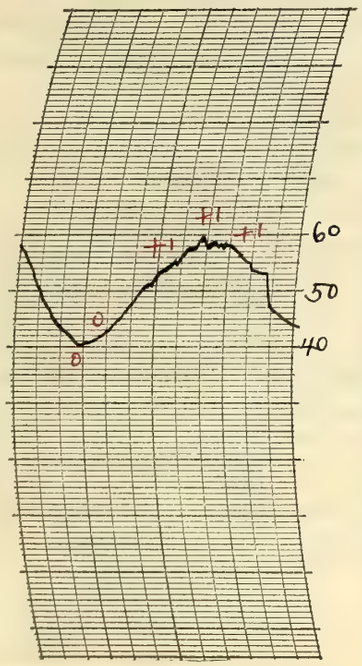
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 327
Average hourly velocity, 9.5 Extreme velocity, 24
Maximum velocity, 22 Direction, N
Time began, 6:18 am
Reduced barometer, 30.25 7 a. m. 30.20 7 p. m.
River gage, 1.9 feet
Relative humidity, 54 7 a. m. 47 7 p. m.

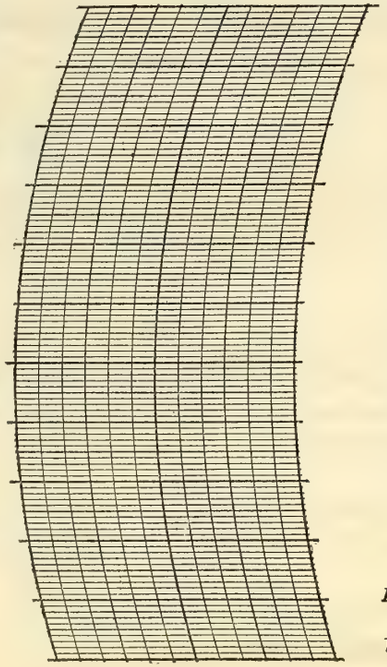
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.7 Wet temperature, 43.0
Dew-point, 30 R. humidity, 40 V. pressure, 1.64
Clouds: Amount, 3; Kind, cirst; Direction, N
Velocity of clouds (miles per hour)

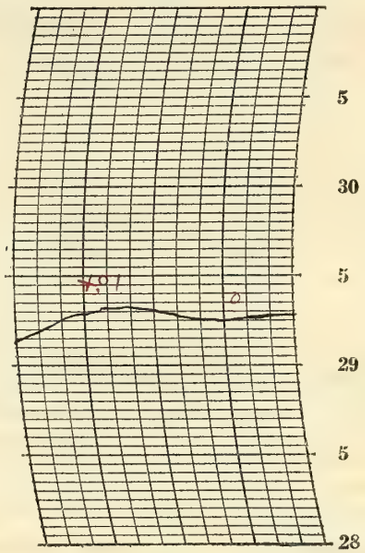
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A small amount of upper clouds prevailed most of the time but the clouds were too thin to interfere much with the sunshine. Clear into the night.

A cold north wind made it unpleasant during the morning but the afternoon was more pleasant.

Solar halo, 22° radius, observed from 12:30 p.m. to 12:50 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	41	39	44	47	52	56	58	61	64	65	67	69	69	69	68	66	62	61	59	57	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)					57 0	04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.82 0					
Wind direction	N	N	NE	NE	NE	NE	NE	NE	S	N	N	NE	N	NE	N	S	S	SW	SW	SW	NW	O	NW	O
Wind movement	4	3	2	2	1	3	2	2	3	4	5	5	3	4	4	7	7	3	2	3	3	0	1	0

Sunrise: Time, 4:26 Character, Clear
Moonrise: 11:22p Clear

Sunset: Time, 6:49 Character, Clear
Moonset: 8:13a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

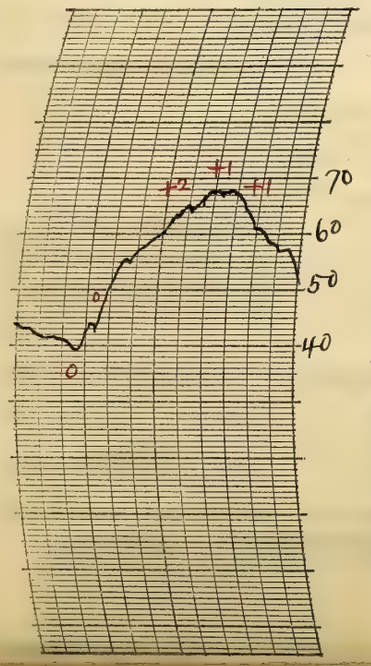
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	39	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 3:30 p.m.
Reduced barometer, 30.227 a. m. 30.03 7 p. m.
River gage, 1.9 feet
Relative humidity, 54 7 a. m. 29 7 p. m.

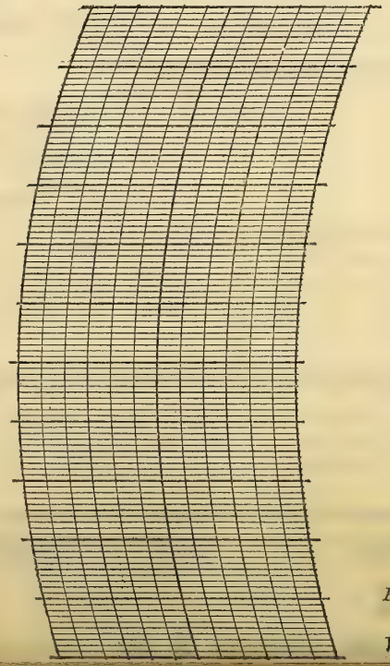
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 47.5
Dew-point, 28 R. humidity, 25 V. pressure, .150
Clouds: Amount, Few; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

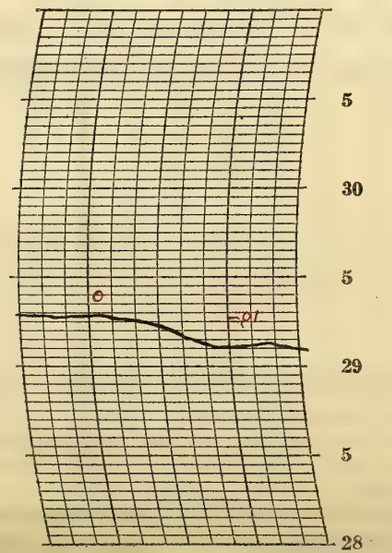
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

NOTES

Light frost in early morning. The sky was clear all day and into the night.

The temperature rose rapidly from the lowest point in the early morning. It was rather pleasant in the afternoon.

There was very little wind during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 13 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	48	50	54	60	64	67	69	70	72	73	72	72	71	70	69	67	66	63	62	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear								Cloudy									→		
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NW	NW	NW	SE	SE	SE	S	S	S	SW	SW	W	NW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	1	1	2	2	3	2	4	4	6	6	5	6	5	4	5	4	8	5	4	3	4	6	7	11

Sunrise: Time, 4:25 Character, Clear
Moonrise: —
Sunset: Time, 6:50 Character, Cloudy
Moonset: 9:19 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

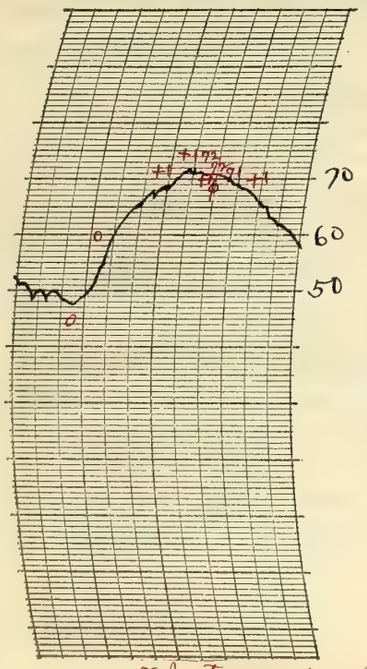
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 11:54 p.m.
Reduced barometer, 29.99 7 a. m. 29.88 7 p. m.
River gage, 2.2 feet
Relative humidity, 54 7 a. m. 32 7 p. m.

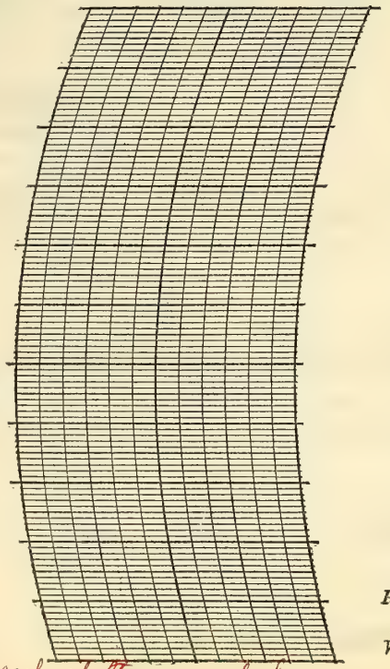
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.1 Wet temperature, 53.9
Dew-point, 39 R. humidity, 32 V. pressure, .237
Clouds: Amount, 9; Kind, 9 St; Direction, W
Velocity of clouds (miles per hour)

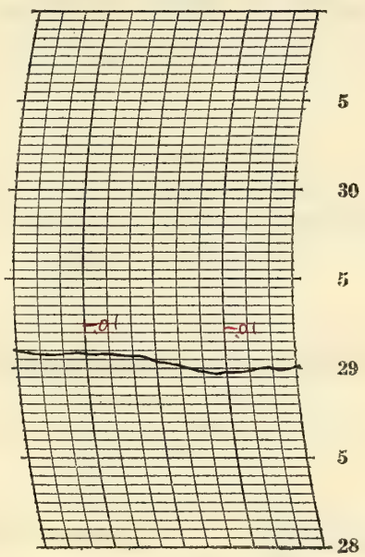
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. R.

Verified by P. McDonough

8—486

* Instrument out of shelter; record from eye observation.

NOTES

It was clear for a while in the early morning but the upper clouds soon spread and the sky was mostly overcast the greater part of the day and into the night. The sun shone through the clouds until late after noon. Temperatures about normal.

A 22° solar halo was observed 6:35 am with parhelia at right and left. The parhelia disappeared about 7 am but the halo persisted all day and finally disappeared at 5:30 p.m. Near noon the halo was a complete circle and very bright with red, green and white distinct. The parhelia at right and left reappeared from 4:55 p.m. to 5:15 p.m. A small portion of the 46° halo appeared for 2 or 3 minutes about 5:06 p.m. Upper tangent arcs of 22° halo appeared from 4:55 p.m. to 5:20 p.m. A small portion of the circumzenithal arc appeared from 4:55 p.m. to 5:07 p.m. It showed the colors of the spectrum with blue the most pronounced.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 14 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	53	53	54	57	59	61	64	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	N	N	NE	N	N	N	N	N	N	N	N
Wind movement	11	12	11	10	8	8	10	11	9	9	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	68	67	64	61	60	57	55	53	51	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×				Pt Cloudy		×		Clear →			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.4	0					
Wind direction	N	N	N	N	NE	NE	E	E	E	E	NE	NE
Wind movement	9	8	9	11	12	13	8	8	7	8	9	11

State of weather.

Sunrise: Time, 4:24 Character, Cloudy
Moonrise: 12:11a Cloudy?

Sunset: Time, 6:51 Character, Cloudy
Moonset: 10:27a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

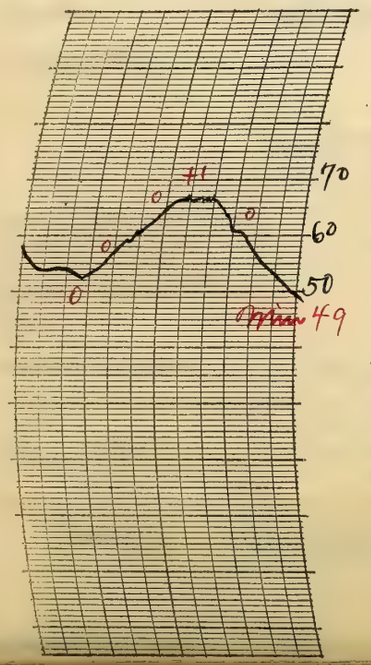
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, First Quarter 11:46 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 81
Prevailing wind direction, N Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 5:17 p.m.
Reduced barometer, 30.01 7 a. m. 30.06 7 p. m.
River gage, 1.9 feet
Relative humidity, 81 7 a. m. 68 7 p. m.

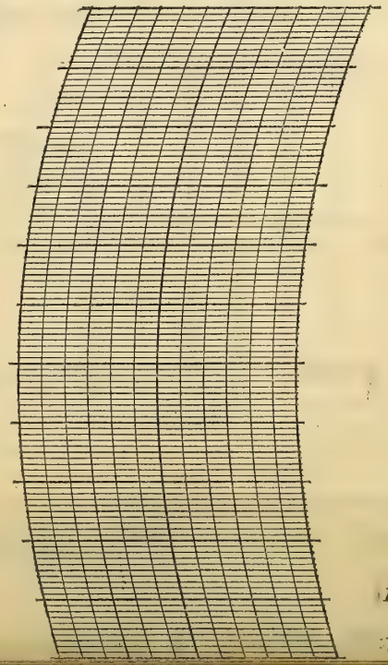
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.0 Wet temperature, 55.5
Dew-point, 48 R. humidity, 55 V. pressure, .334
Clouds: Amount, 3; Kind, Stcu.; Direction, N
Velocity of clouds (miles per hour)

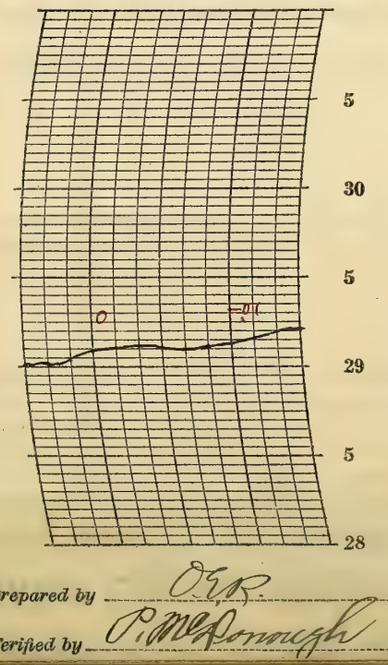
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

It was clear during the forenoon partly cloudy in the afternoon and clear again at night. Stars bright.

The weather was pleasant altho the north wind was a little cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 15 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	44	43	42	42	46	52	56	60	62	63	66	69	70	70	70	68	66	65	62	56	53	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←							Clear						×	Pt Cldy		×	Clear			→
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	SE	E	E	SE	E	E	NE	NE
Wind movement	7	7	6	6	6	6	6	7	8	9	8	6	8	7	6	6	6	5	4	3	4	6	7	6

Sunrise: Time, 4:23; Character, Clear. Moonrise: 12:54 a Clear.

Sunset: Time, 6:52; Character, Cloudy. Moonset: 11:35 a Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

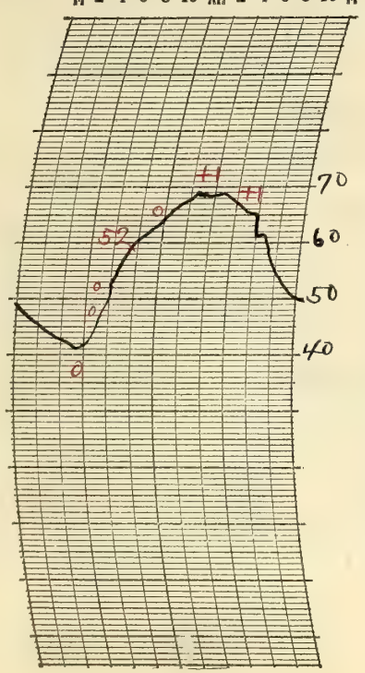
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	41	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 9:08 am.
Reduced barometer, 30.24 7 a. m. 30.17 7 p. m.
River gage, 1.8 feet
Relative humidity, 69 7 a. m. 34 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.4 Wet temperature, 48.3
Dew-point, 32 R. humidity, 30 V. pressure, 180
Clouds: Amount, 3; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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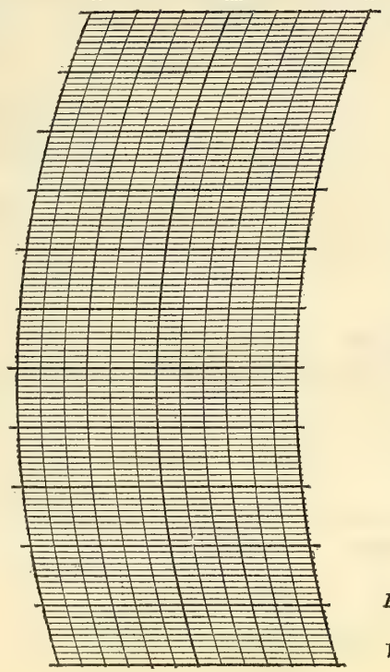
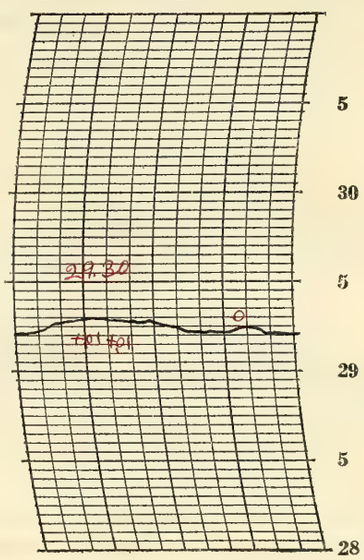


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

Some upper clouds prevailed after the early morning and it became partly overcast in the evening but cleared later at night. Stars visible. The temperature was still below the normal, especially in the early morning.

Solar halo, 22° radius, observed 4:00 p.m. to 4:15 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	52	59	61	65	64	69	73	71
State of weather: Nature of precipitation and time of beginning and ending						RB 5:55	RE 6:05	RB 7:15	---	RE 9:10	RB 10:34	RE 11:08
Amounts of precipitation						T	T	T	T	T	T	T
Cloudiness and other conditions						← Cloudy →						
Sunrise: Time, Character	4:22 Cloudy											
Moonrise:	1:31a Clear											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	E	E	E	E	SE	SE	S	S	S	S	S
Wind movement	6	5	5	4	6	9	10	16	17	15	17	19
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	78	79	80	70	69	68	66	64	64	62	55
State of weather: Nature of precipitation and time of beginning and ending				RB 3:45	RE 5:00				RB 8:05 RE 9:00			
Amounts of precipitation				T	.01				.04			
Cloudiness and other conditions												
Sunset: Time, Character									6:52 Cloudy			
Moonset:									12:43p Cloudy			
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	S	S	S	S	SW	SW	W	W	W	W	W	NW
Wind movement	17	19	22	25	27	19	18	13	11	10	13	15
Maximum velocities (exceeding 29 miles) direction and time				34 S 353	33 S 421							

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	48	64	

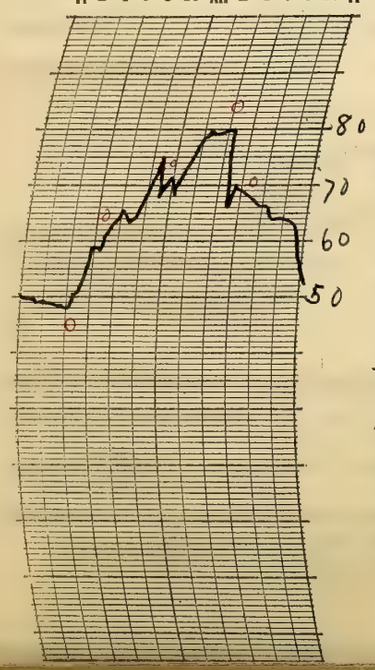
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 1
Prevailing wind direction, S Total wind, 338
Average hourly velocity, 14.1 Extreme velocity, 37
Maximum velocity, 34 Direction, S
Time began, 3:53 p.m.
Reduced barometer, 30.00 7 a. m. 29.81 7 p. m.
River gage, 1.7 feet
Relative humidity, 57 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

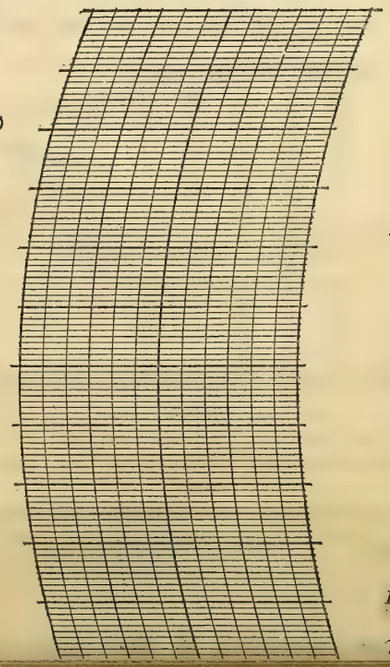
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.1 Wet temperature, 63.4
Dew-point, 59 R. humidity, 66 V. pressure, .499
Clouds: Amount, 2/2; Kind, Cu; Direction, a SW
Velocity of clouds (miles per hour)

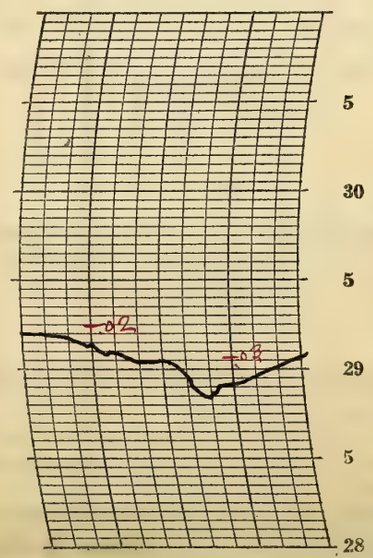
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

NOTES

The sky was apparently clear in the early morning but became overcast shortly after 5:00 am. Several light showers occurred; the first one about 6:00 am and the last one between 8:00 p.m. and 9:00 p.m. It became threatening in the afternoon and a thunderstorm began at 4:27 p.m. and ended at 5:00 p.m.

The temperature rose rapidly until 3:00 p.m. and then fell rapidly after 4:00 p.m. Strong winds from the south and southwest did some damage to telephone and electrical power lines.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 17 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	45	43	42	41	40	42	43	44	44	43	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	NW	W	NW	NW	NW	NW	NW
Wind movement	18	15	15	14	14	14	12	14	13	15	15	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	49	51	49	49	48	48	46	46	43	43	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			→	Cldy	×		Clear			→		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	E	E	E
Wind movement	13	12	11	11	8	6	5	2	1	2	2	1

Sunrise: Time, 4:21; Character, Cloudy
Moonrise: 2:03a Cloudy
Sunset: Time, 6:53; Character, Cloudy
Moonset: 1:49p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

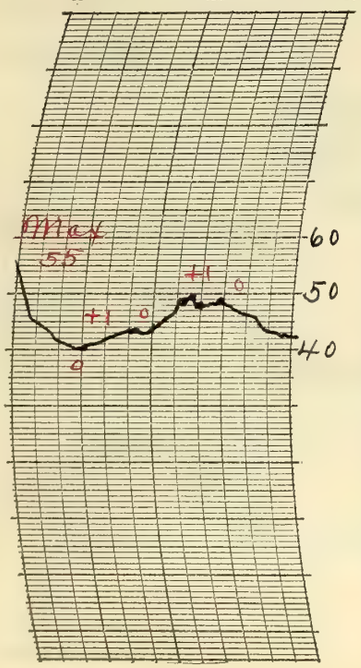
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	40	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.0 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 41
Prevailing wind direction, NW Total wind, 247
Average hourly velocity, 10.3 Extreme velocity, 23
Maximum velocity, 27 Direction, NW
Time began, 1:20 am.
Reduced barometer, 30.21 7 a. m. 30.21 7 p. m.
River gage, 1.7 feet
Relative humidity, 83 7 a. m. 63 7 p. m.

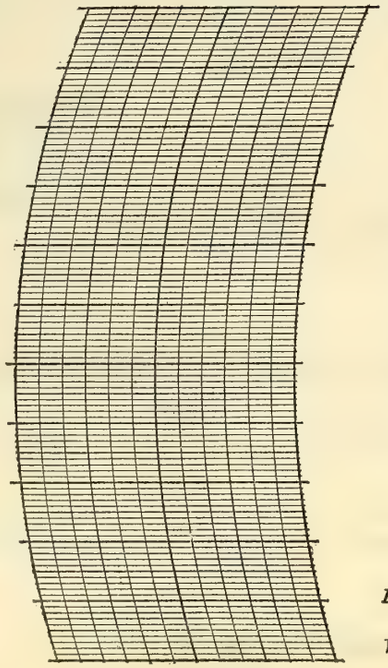
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.1 Wet temperature, 40.9
Dew-point, 37 R. humidity, 76 V. pressure, .219
Clouds: Amount, 10; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

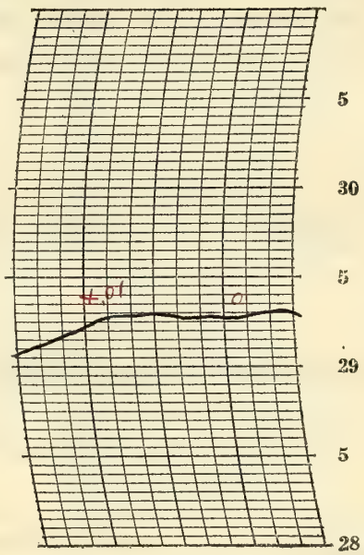
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

The lower clouds remained heavy during the forenoon but broke away somewhat in the afternoon. It became clear at night. Stars visible.

The weather was too cool to be comfortable. The temperature was considerably below the seasonal average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 18 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	39	39	41	46	48	51	53	56	58	60	61	62	61	61	61	55	52	52	51	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt cldy						Clear				Pt cldy				Clear					
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	NE	N	N	N	N	NE	E	E	E	E	E	NE	NE	NW	NW	NW	NW	W	W	W	NW	NW	NW	NW
Wind movement	2	3	3	4	4	3	4	3	6	6	5	4	6	5	7	6	6	6	5	7	8	5	2	3

Sunrise: Time, 4:20 Character, Cloudy
Moonrise: 2:34a Cloudy?
Sunset: Time, 6:54 Character, Clear
Moonset: 2:54p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

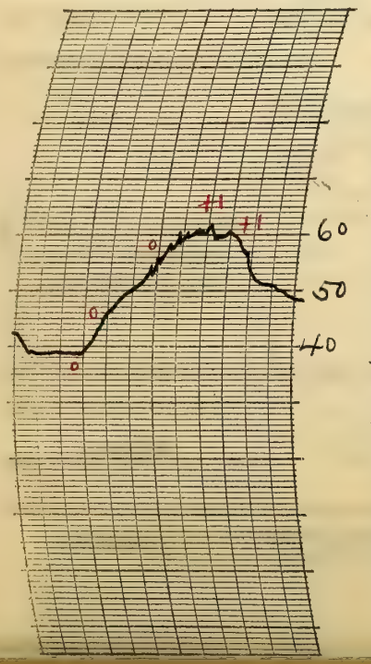
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	39	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 60
Prevailing wind direction, NW Total wind, 113
Average hourly velocity, 4.7 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 8:02 p.m.
Reduced barometer, 30.23 7 a. m. 30.08 7 p. m.
River gage, 1.9 feet
Relative humidity, 81 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 56.2 Wet temperature, 46.0
Dew-point, 35 R. humidity, 44 V. pressure, .203
Clouds: Amount, 3; Kind, Cirst; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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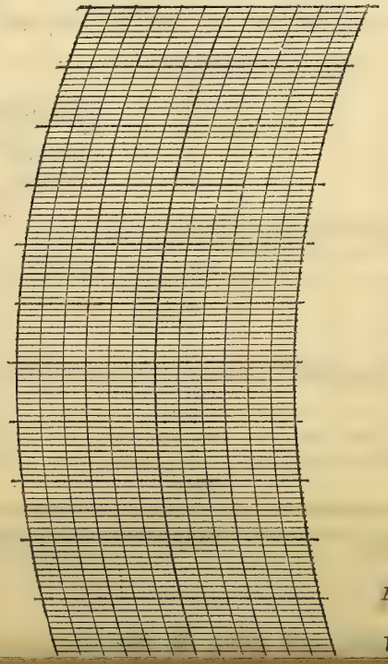
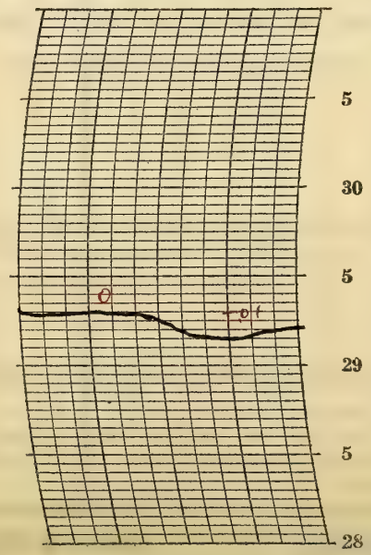


BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

Light frost in early morning. Upper clouds prevailed all day and the amount varied from time to time. It became clear at night. Stars bright. The temperature rose somewhat during the day but it was still below the normal.

Solar halo, 22° radius, observed 6:17 am. It persisted all day and finally disappeared about 4:40 p.m. The colors were quite brilliant from 9:00 am to 10:00 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 19 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	44	44	43	45	50	58	62	65	68	70	72	73	74	75	74	72	70	67	64	61	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear								→					
Sunshine (in tenths of hours)					.68 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.82 0.1					
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	S	SW	S	S	S	S	S	S	S
Wind movement	3	4	5	3	3	4	4	6	6	7	6	9	9	8	10	10	9	9	8	6	5	8	9	7

Sunrise: Time, 4:19 Character, Clear
Moonrise: 3:02a Clear
Sunset: Time, 6:55 Character, Clear
Moonset: 8:57p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

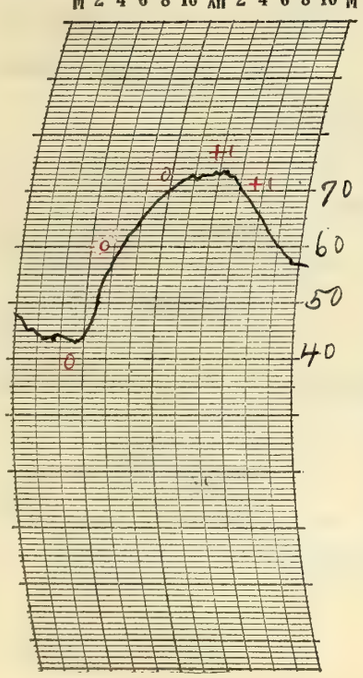
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	43	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.6 Possible sunshine, hours 14.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:49 p.m.
Reduced barometer, 30.15 7 a. m. 30.05 7 p. m.
River gage, 1.1 feet
Relative humidity, 60 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 55.4
Dew-point, 43 R. humidity, 38 V. pressure, 227
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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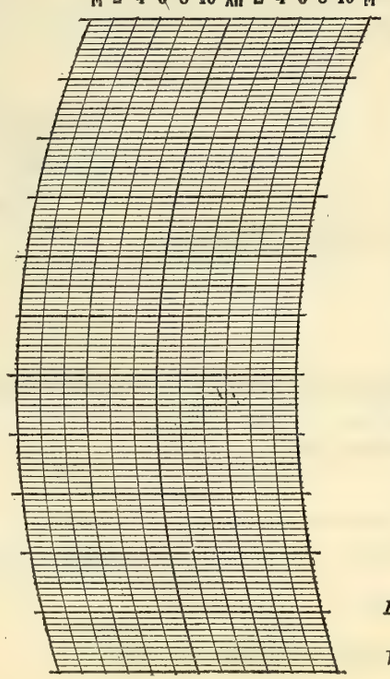
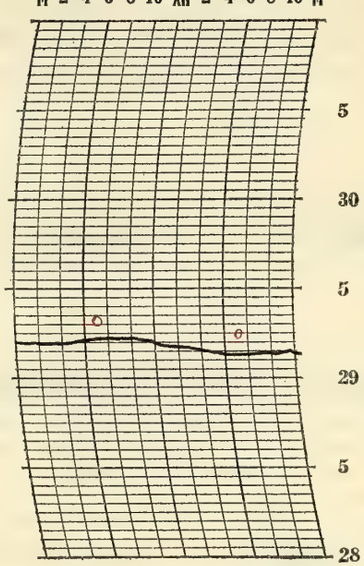


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

Only a small amount of cloudiness occurred during the afternoon and evening. Clear into the night. Stars visible.

Very pleasant weather with temperatures nearly normal.

The river gage reading, 1.1 feet, is the lowest of record. The previous low was 1.2 feet on July 23, 1923.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	54	53	52	54	57	64	66	69	69	72	71	71	72	71	73	72	70	67	64	63	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						Cloudy							Clear					
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	8	7	9	8	8	8	8	9	14	14	17	15	18	16	14	15	9	9	9	9	10	10	9	11

Sunrise: Time, 4:18; Character, Cloudy. Moonrise: 3:33 a; Character, Clear?

Sunset: Time, 6:56; Character, Cloudy. Moonset: 4:59 p; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy; Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 10.4; Possible sunshine, hours, 14.6

Per cent of possible sunshine, 71

Prevailing wind direction, S; Total wind, 264

Average hourly velocity, 11.0; Extreme velocity, 25

Maximum velocity, 23; Direction, S

Time began, 12:23 p. m.

Reduced barometer, 30.04 7 a. m., 29.89 7 p. m.

River gage, 2.0 feet

Relative humidity, 54 7 a. m., 37 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

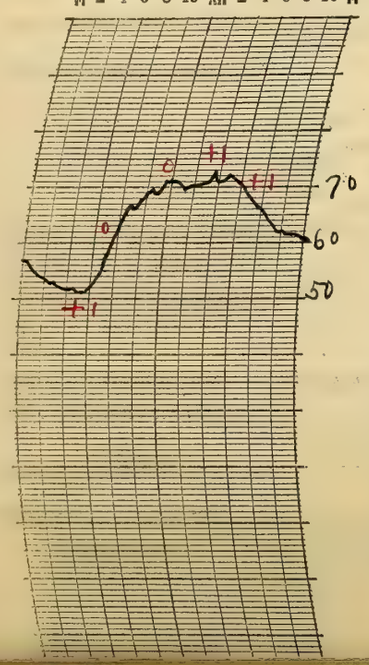
Dry temperature, 72.5; Wet temperature, 55.5

Dew-point, 41; R. humidity, 32; V. pressure, 256

Clouds: Amount, 9; Kind, Cst; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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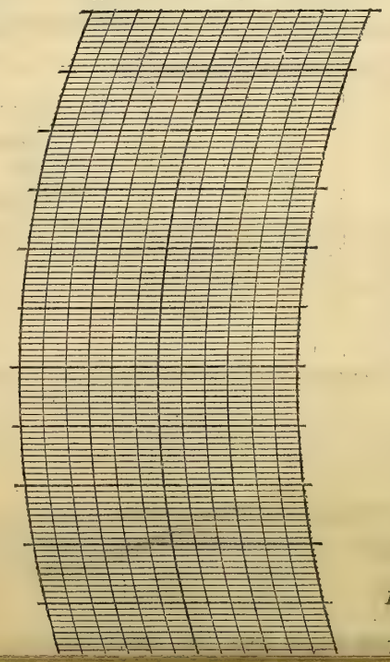
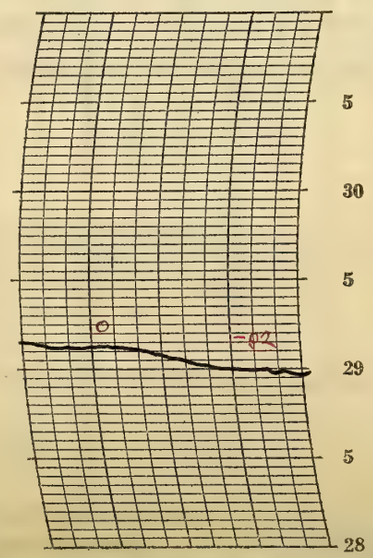


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

NOTES

Upper clouds prevailed all day. It cleared somewhat at night. Stars visible.

The sun shone through the clouds the greater part of the day.

Normal temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 21 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	58	59	61	69	74	78	81	76	77	73	74	74	72	70	69	64	62	59	57	55
State of weather: Nature of precipitation and time of beginning and ending												RB 11:05 RE 11:17												
Amounts of precipitation												T												
Cloudiness and other conditions						<	Cldy	×	Clear	×			Cldy			×				Clear			>	

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 4:04a Cloudy
Sunset: Time, 6:57 Character, Clear
Moonset: 6:00p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	0.2	1.0	0.1	0	1.0	1.0	0.4 0.6	.95 0					
Wind direction	S	S	S	S	S	SW	S	S	SW	SW	SW	NW	NW	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	6	6	9	8	11	11	12	10	11	11	13	10	12	14	14	13	10	7	8	7	7	8	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

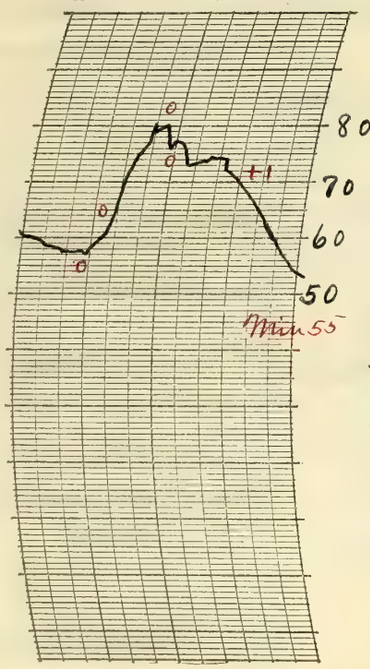
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	55	68	

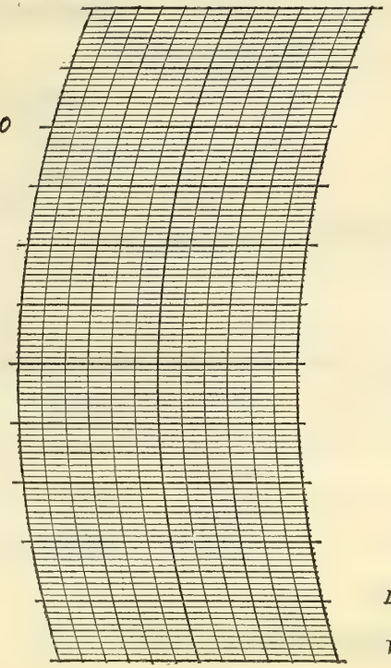
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy; moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 63
Prevailing wind direction, E Total wind, 233
Average hourly velocity, 9.7 Extreme velocity, 18
Maximum velocity, 16 Direction, S
Time began, 8:53 am
Reduced barometer, 29.88 7 a. m. 29.95 7 p. m.
River gage, 2.0 feet
Relative humidity, 67 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 76.3 Wet temperature, 68.3
Dew-point, 64 R. humidity, 67 V. pressure, 29.95
Clouds: Amount, 5 3; Kind, Cu Cu-Sc Direction, NW NW
Velocity of clouds (miles per hour)

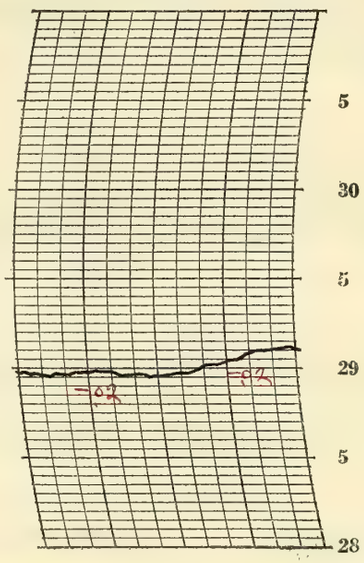
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The amount of cloudiness varied considerably from time to time altho it was mostly cloudy until late in the afternoon. Clear into the night. Stars visible.

A Thunderstorm began 11:05 am and ended 11:17 am. The storm apparently originated just to the north of the station and moved to the southeast.

It became quite warm about 11:00 am but the afternoon was cooler.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 22 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	48	48	53	61	66	70	76	77	81	84	86	90	89	87	85	83	81	79	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Lt Haze		Clear						→			X Hdy		→		
Sunshine (in tenths of hours)					.72 0	1.0 0	Ø 1.0	Ø 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.03 0.2					
Wind direction	E	E	NE	NE	E	E	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	SW	S	SW
Wind movement	6	4	5	4	4	6	5	7	9	9	11	13	16	15	19	21	19	18	16	19	21	21	20	19

Sunrise: Time, 4:17 Character, Clear
Moonrise: 4:37a Clear
Sunset: Time, 6:58 Character, Cloudy
Moonset: 7:00p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

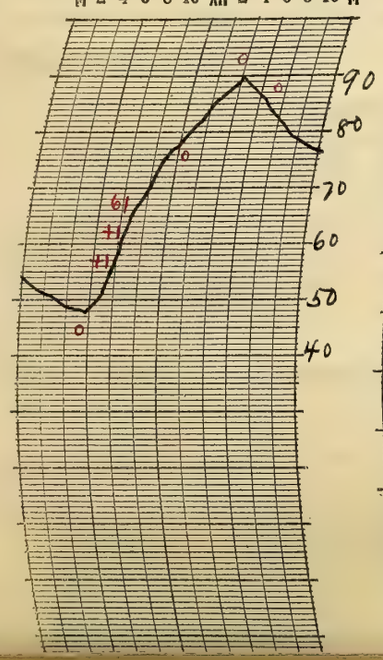
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	48	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New moon 9:48 am.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 97
Prevailing wind direction, S Total wind, 307
Average hourly velocity 12.8 Extreme velocity, 27
Maximum velocity, 25 Direction, S
Time began, 3:55 p. m.
Reduced barometer, 30.01 7 a. m. 29.677 7 p. m.
River gage, 2.0 feet
Relative humidity, 73 7 a. m. 44 7 p. m.

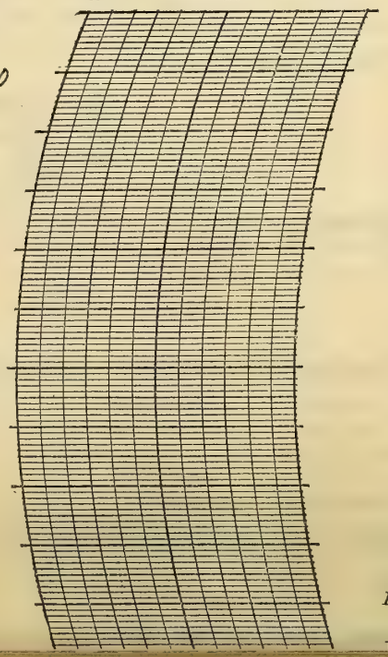
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 64.7
Dew-point, 57 R. humidity, 51 V. pressure, 465
Clouds: Amount, 3; Kind, Lt Haze Direction, —
Velocity of clouds (miles per hour)

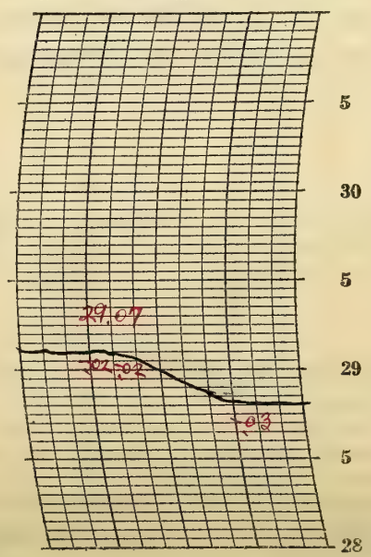
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

Observation NOTES

There were few clouds during the day although light haze prevailed from early morning until late afternoon. There were some upper clouds during the evening. Stars visible.

The temperature rose rapidly from early morning and reached 90° about 5:00 p.m. It remained hot during the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	73	74	78	78	79	81	82	83	85	87	88	88	87	85	83	82	77	74	64	56	53
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:50 RE 4:51							
Amounts of precipitation																	T							
Cloudiness and other conditions				←	Pt cldy	×	Clear		×				Pt cldy			×	Cldy	×	Pt cldy			→		
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.2					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NE	NE	N
Wind movement	17	14	13	13	12	19	16	18	18	16	15	17	19	19	20	17	17	16	12	9	4	16	16	15

Sunrise: Time, 4:16; Character, Cloudy

Moonrise: 5:13 a; Character, Cloudy

Sunset: Time, 6:59; Character, Cloudy

Moonset: 7:57 p; Character, Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	53	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.0; Possible sunshine, hours, 14.7

Per cent of possible sunshine, 75

Prevailing wind direction, SW; Total wind, 368

Average hourly velocity, 15.3; Extreme velocity, 29

Maximum velocity, 27; Direction, SW

Time began, 2:10 p.m.

Reduced barometer, 29.63 7 a. m. 29.50 7 p. m.

River gage, 1.2 feet

Relative humidity, 47 7 a. m. 38 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

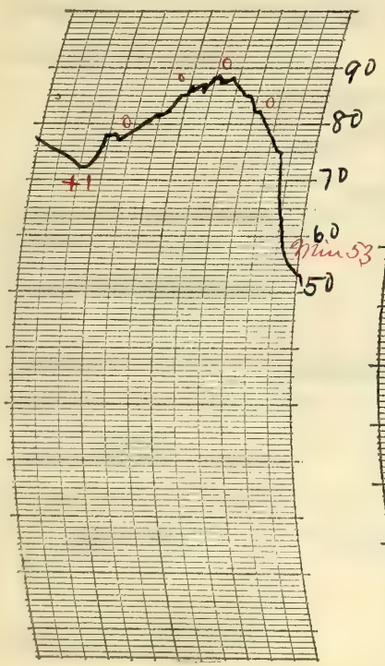
Dry temperature, 85.3; Wet temperature, 67.0

Dew-point, 57; R. humidity, 38; V. pressure, .465

Clouds: Amount, 2; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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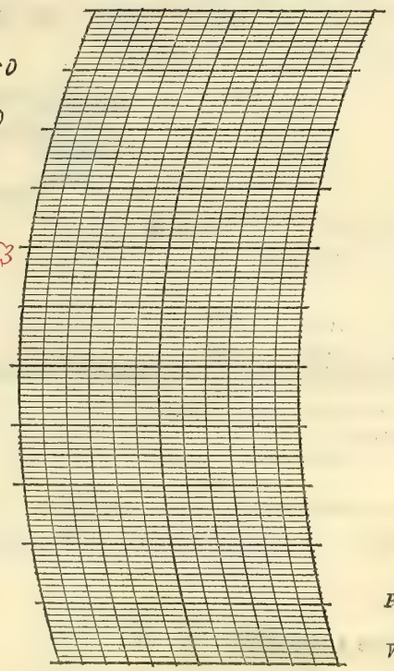
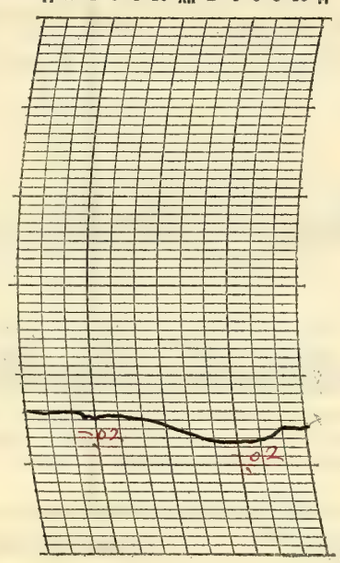


BAROGRAPH.



NOTES

° By observation

The amount of cloudiness varied considerably from time to time. A light sprinkle occurred in the afternoon. Brighter stars visible at night.

The temperature was quite high in the early morning and the day was very hot. It cooled off somewhat at night.

22° Solar halo observed 3:04 p.m. until about 4:25 p.m.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 24 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	46	44	43	42	40	39	38	36	36	37	37	38	38	38	36	38	42	42	41	40	38	38	37
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	----	RE 8:50		RB 10:35	---	RE 1205		SmB 2:40	---	SmE 4:10							
Amounts of precipitation							T	.05	.03		T	T	T		T	T	T							
Cloudiness and other conditions												Cloudy					Pt cldy			Clear				
Wind direction	N	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	17	17	16	17	19	20	18	19	23	23	21	21	20	21	16	14	14	15	10	10	4	5	6	5
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0.2	1.0	0.2 (.80)					

Sunrise: Time, 4:15; Character, Cloudy. Moonrise: 5:54a, Cloudy.

Sunset: Time, 7:00; Character, Clear. Moonset: 8:51p, Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	36	44	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.2 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 15

Prevailing wind direction, N Total wind, 371

Average hourly velocity, 15.5 Extreme velocity, 32

Maximum velocity, 29 Direction, NE

Time began, 7:58 am

Reduced barometer, 29.71 7 a. m. 29.91 7 p. m.

River gage, 1.6 feet

Relative humidity, 93 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

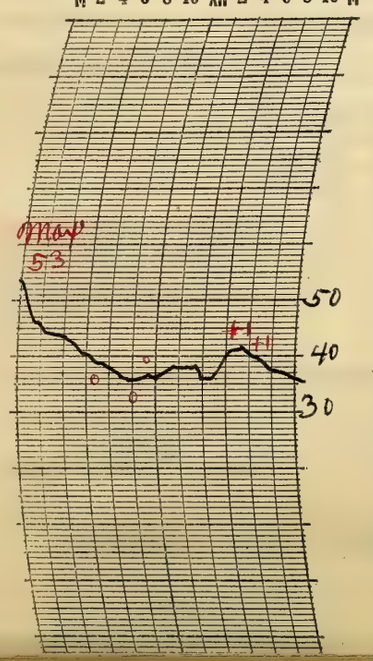
Dry temperature, 37.3 Wet temperature, 34.8

Dew-point, 21 R. humidity, 79 V. pressure, .172

Clouds: Amount, 10; Kind, Nb; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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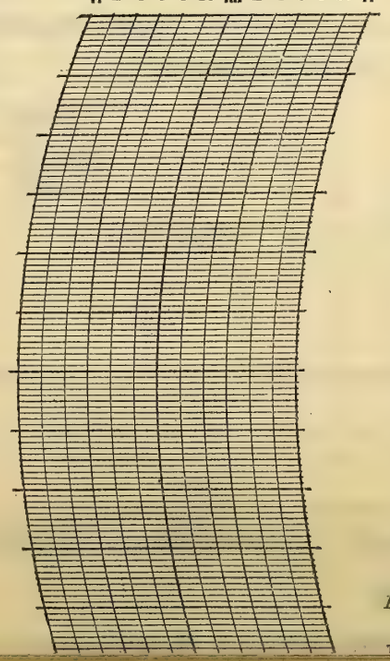
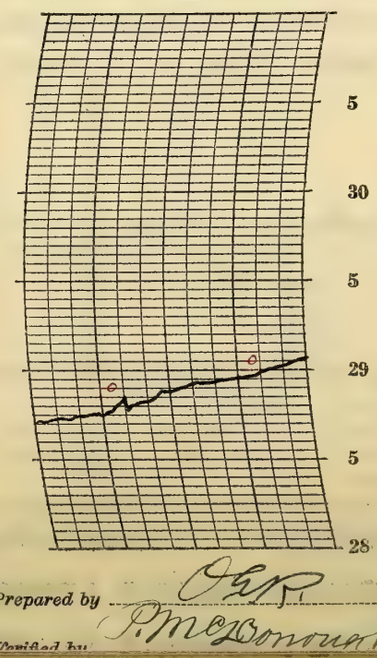


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough

NOTES

The sky was overcast until late afternoon when it cleared in a short while. The stars were very bright at night. Crescent of new moon visible in early evening. Light showers occurred in the forenoon and a light snow flurry occurred in the afternoon.

The weather was cold and disagreeable.

From about 2:00 pm yesterday to 10:10 am to-day the temperature fell 53°.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 25 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	35	39	44	47	47	47	47	48	49	50	49	50	49	49	48	48	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				Partly				Cloudy									→		
Sunrise: Time, Character,	4:15 Clear																							
Moonrise:	6:39a Clear																							
Sunset: Time, Character,																					7:01 Cloudy			
Moonset:																					9:41p Cloudy			
Sunshine (in tenths of hours)					0 (.75)	0.5 (.05)	1.0	1.0	1.0	1.0	0.4	0.2	0	0	0	0	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	N	N	NW	N	N	N	N	N	NE	NE	N	N
Wind movement	5	5	5	6	6	7	8	7	9	11	10	8	9	8	7	7	7	7	4	5	4	3	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

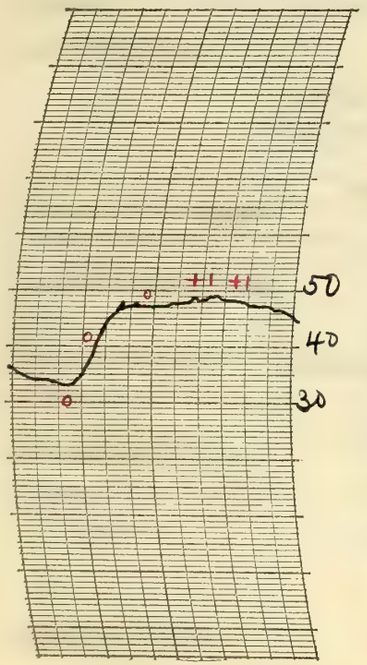
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours 6.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 43
Prevailing wind direction, NW Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 10:23 a. m.
Reduced barometer, 30.08 7 a. m. 30.17 7 p. m.
River gage, 1.1 feet
Relative humidity, 68 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.4 Wet temperature, 39.9
Dew-point, 30 R. humidity, 50 V. pressure, .164
Clouds: Amount, 10; Kind, St cu, Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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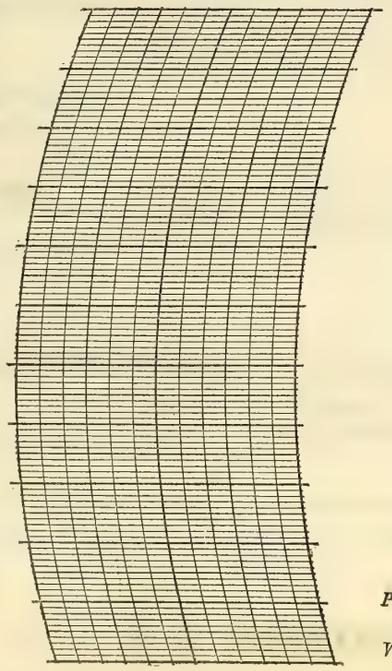
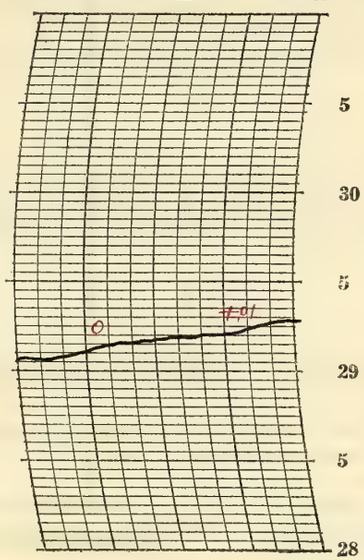


BAROGRAPH.



Prepared by O.E.K.

Verified by P. McDonough

8—486

NOTES

Heavy frost in early morning. The sky was cloudless in the early mornings but it became over cast by the middle of the forenoon and remained cloudy all afternoon and into the night.

The weather was cold and unpleasant.

Frost damage: Considerable damage to grapes, berries, apples, plums and cherries - fruit crop reduced ½ or more. Tomato plants killed, cabbages injured - all truck injured more or less. Wheat and oats hit in low ground and one sixth of corn crop needed replanting.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 26 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	42	41	44	47	51	53	55	55	57	58	60	62	61	61	60	60	58	56	53	53	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear		Pt cldy			Clear			Pt cldy					Clear					
Sunshine (in tenths of hours)					.7 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.03 0				
Wind direction	NW	NW	N	N	N	N	N	N	N	NE	N	N	N	NW	N	E	N	N	NE	NE	NE	E	E	E
Wind movement	5	5	4	4	2	4	5	6	7	8	6	8	8	7	7	5	5	5	4	3	2	1	1	1

Sunrise: Time, 4:14 Character, Clear
Moonrise: 7:27 a Clear
Sunset: Time, 7:02 Character, Clear
Moonset: 10:26 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

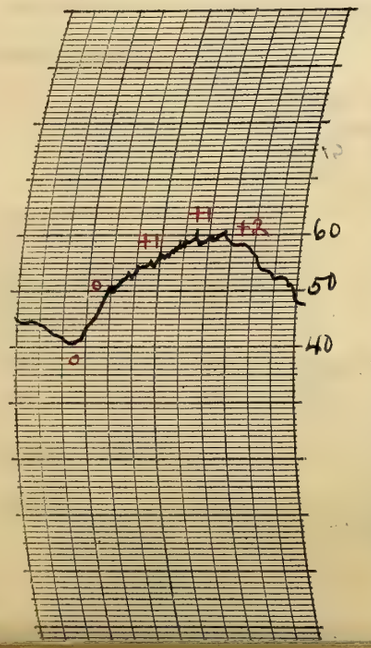
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	40	51	

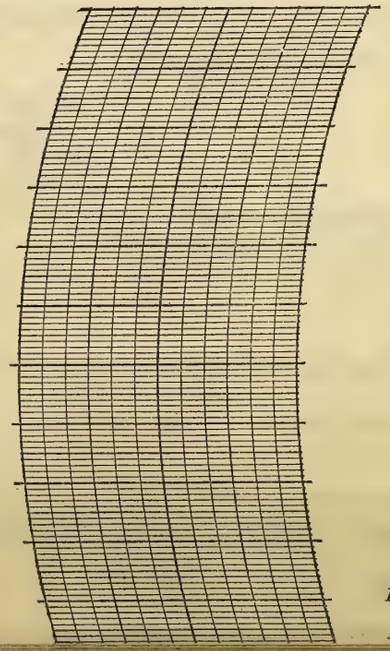
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 113
Average hourly velocity, 4.7 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 11:26 am.
Reduced barometer, 30.32 7 a. m. 30.30 7 p. m.
River gage, 1.2 fell
Relative humidity, 63 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 57.3 Wet temperature, 46.3
Dew-point, 34 R. humidity, 41 V. pressure, .195
Clouds: Amount, 3; Kind, Strat; Direction, N
Velocity of clouds (miles per hour)

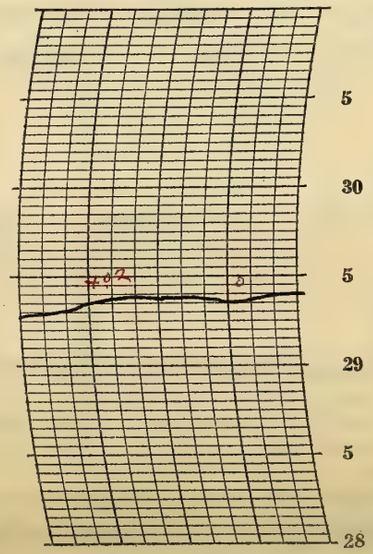
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
Transcribed by P. McDonough

NOTES

Light frost in early morning. There were more or less cloudiness during the day. Clear into the night. Moon and stars bright.

The weather was pleasant altho it was cool in the morning. The temperatures were still ten degrees or more under normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	42	43	44	49	53	57	59	60	61	62	62	62	63	64*	63	62	62	61	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear			Pt cldy						Cloudy								
Sunshine (in tenths of hours)					.78 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.4	0	0	0	0				
Wind direction	E	E	E	NW	NW	NW	NW	S	S	S	SE	S	S	SE	S	SE	SE	E	E	SE	E	SE	SE	SE
Wind movement	1	2	2	1	1	1	1	4	7	6	7	6	8	6	5	5	4	3	2	4	4	4	4	3

Sunrise: Time, 4:13; Character, Clear. Moonrise: 8:20a; Clear.

Sunset: Time, 7:03; Character, Cloudy. Moonset: 11:07p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

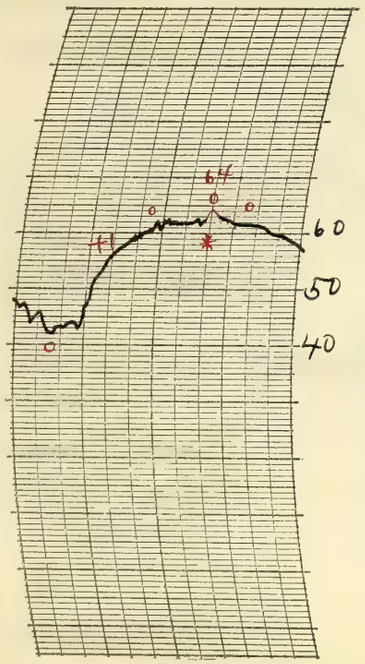
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	42	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.3; Possible sunshine, hours, 14.8
Per cent of possible sunshine, 70
Prevailing wind direction, SE; Total wind, 91
Average hourly velocity, 3.8; Extreme velocity, 13
Maximum velocity, 13; Direction, S
Time began, 11:09 a m.
Reduced barometer, 30.36 7 a. m. 30.21 7 p. m.
River gage, 1.5 feet
Relative humidity, 53 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.4; Wet temperature, 48.9
Dew-point, 35; R. humidity, 35; V. pressure, 203
Clouds: Amount, 9; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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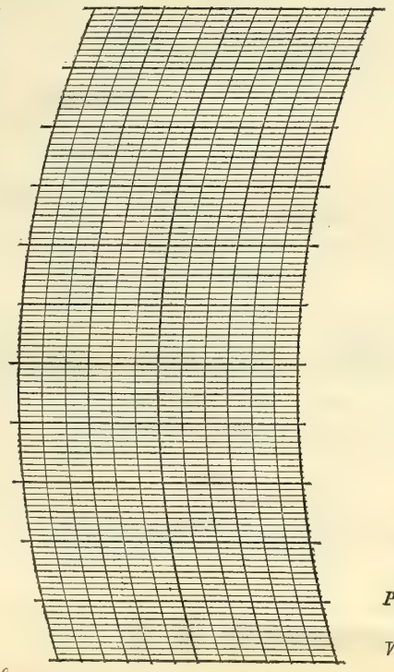
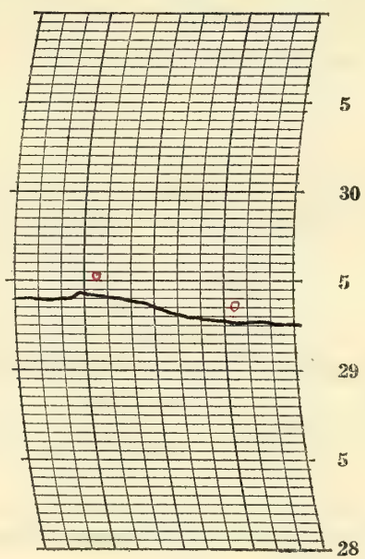


BAROGRAPH.



Prepared by OEP

Verified by M. McDonough

8—486

* Eye Observation

NOTES

Light frost in early morning. The clouds increased from early morning and it was overcast during the afternoon and into the night. There was light, local smoke in the early morning when the wind velocity was very light.

Solar halo, 22° radius, was observed at 8:48 am and at intervals until about 12 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	52	49	54	55	58	63	64	63	67	70	71	74	73	73	73	71	69	66	65	63	62
State of weather: Nature of precipitation and time of beginning and ending										RB 9:55	- -	RE 11:10				RB 3:52 RE 4:00				RB 7:43	RE 8:30			
Amounts of precipitation										T	T	T				T				T	T			
Cloudiness and other conditions						Cloudy						Bt cldy				Cloudy								
Sunshine (in tenths of hours)					0	0.5	0.5	0	0	0	0	0.5	0.5	0.7	1.0	0.4	0.8	0.3	0	0				
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	SW	SW	W
Wind movement	3	3	4	3	2	1	4	5	6	6	8	8	11	12	10	10	11	9	8	10	4	5	5	7

Sunrise: Time, 4:13 Character, Cloudy
Moonrise: 9:15a Cloudy
Sunset: Time, 7:03 Character, Cloudy
Moonset: 11:43p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

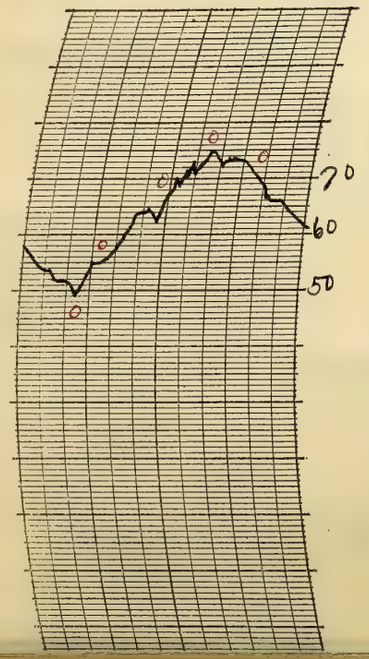
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.2 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 35
Prevailing wind direction, S Total wind, 155
Average hourly velocity, 6.5 Extreme velocity, 19
Maximum velocity, 15 Direction, S
Time began, 1:07 p. m.
Reduced barometer, 30.14 7 a. m. 30.00 7 p. m.
River gage, 1.5 feet
Relative humidity, 62 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.8 Wet temperature, 52.8
Dew-point, 40 R. humidity, 38 V. pressure, 2.47
Clouds: Amount, 4; Kind, a cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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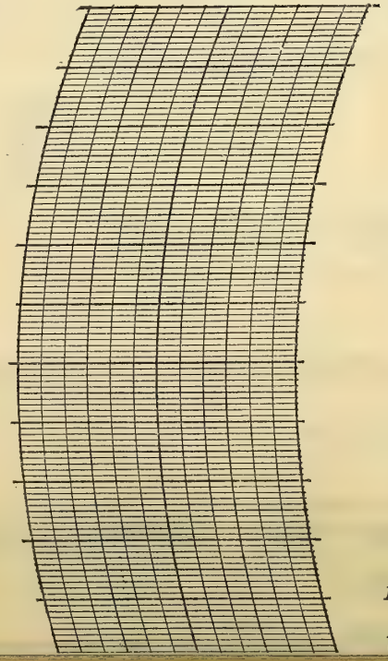
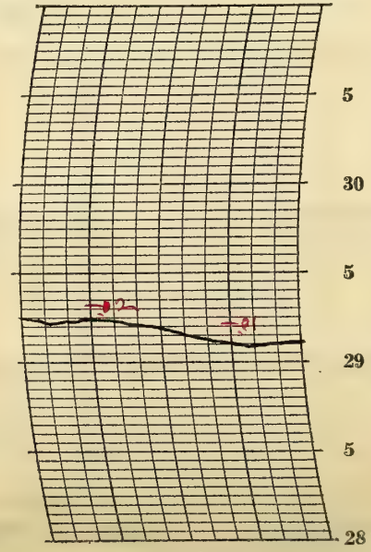


BAROGRAPH.



Prepared by O.R.B.

Verified by P. McDonough

NOTES

By observation

The sky was mostly cloudy with upper clouds during the forenoon and lower clouds in the afternoon and night. Three light showers occurred but the total precipitation was only a trace. Moon visible through rifts in the clouds.

The weather was pleasant and the temperatures only slightly below the normal.

Solar halo, 22° radius, observed at 12:50 p.m. and at intervals till about 2:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	56	55	54	54	58	61	65	68	69	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)					80 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	W	W	W	W	W	W	W	NW	W	NW	W
Wind movement	6	5	5	5	6	5	6	8	8	9	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	74	75	74	73	70	66	62	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.07 0				
Wind direction	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW
Wind movement	10	10	10	10	10	9	7	7	7	7	5	4

Sunrise: Time, 4:12 Character, Clear
Moonrise: 10:13a Clear
Sunset: Time, 7:04 Character, Clear
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

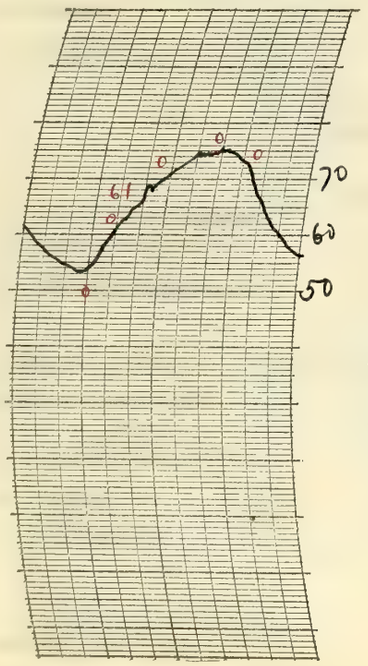
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 15 Direction, W
Time began, 10:55 am.
Reduced barometer, 30.09 7 a. m. 30.08 7 p. m.
River gage, 1.3 feet
Relative humidity, 74 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 57.5
Dew-point, 47 R. humidity, 41 V. pressure, 322
Clouds: Amount, Few; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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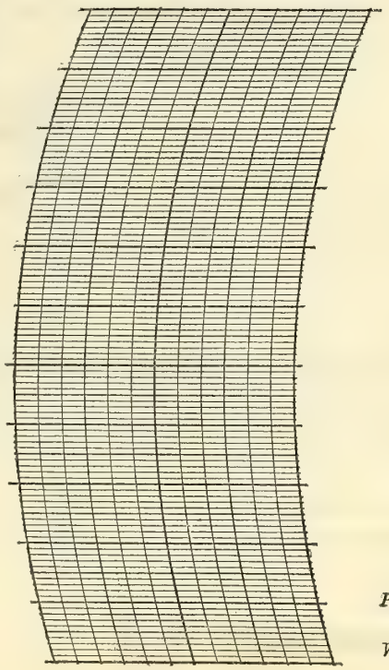
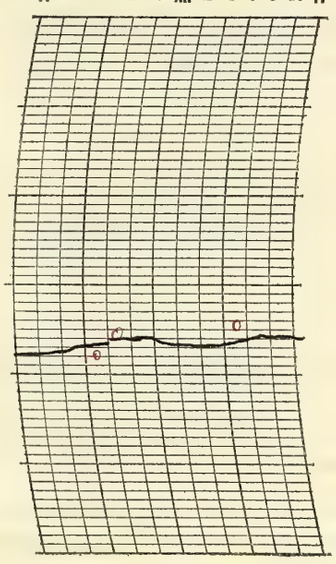


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

There was only a small amount of cloudiness during the day and it was clear into the night. Pale moonlight.
Fine weather with temperatures only slightly below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 30 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	53	53	52	52	59	62	66	72	74	77	79	82	82	83	82	81	79	72	70	68	67	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.80 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.08 0				
Wind direction	N	N	N	N	O	N	NE	E	SE	S	S	SE	SE	S	S	S	S	SW	SW	SW	O	NW	S	S
Wind movement	4	4	3	3	0	2	2	3	6	6	6	5	6	5	5	6	6	6	3	2	0	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:12 Character, Clear
Moonrise: 11:11a Clear
Sunset: Time, 7:05 Character, Clear
Moonset: 12:16a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

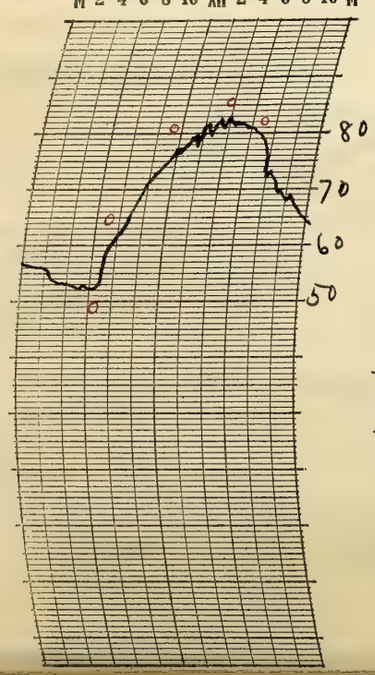
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	52	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter 2:04 p.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 91
Average hourly velocity, 3.8 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 2:12 p.
Reduced barometer, 30.13 7 a. m. 30.03 7 p. m.
River gage, 0.7 feet
Relative humidity, 68 7 a. m. 23 7 p. m.

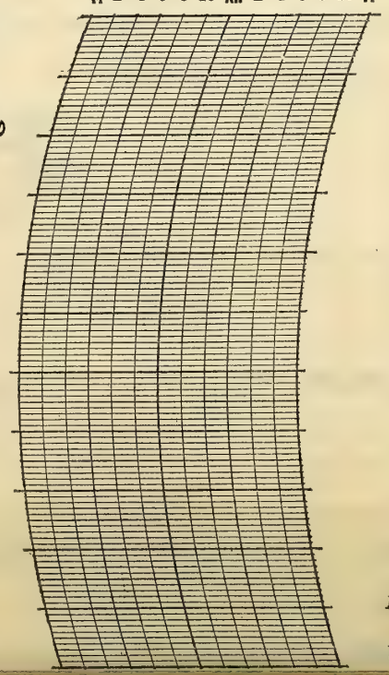
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 58.3
Dew-point, 44 R. humidity, 31 V. pressure, 2.87
Clouds: Amount, 3; Kind, Ci St Direction, NW
Velocity of clouds (miles per hour)

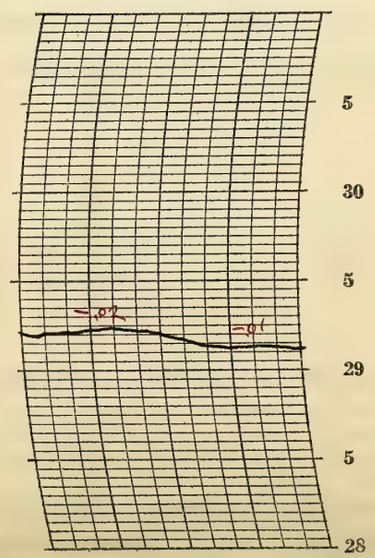
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.P.
Verified by P. McDonough

NOTES

By observation

Thin upper clouds prevailed all day with moonlight at night.

The weather was fine with temperatures about normal.

The reading of the river gage to-day is the lowest on record.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 3 1 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	61	61	61	60	61	64	71	77	83	84	86	87	88	89	88	88	87	83	80	77	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt cloudy										Clear						
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	S	S	S	S	S	S	S	S	SW	SW	S	SW	S	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	3	5	4	5	6	6	7	9	12	11	11	12	12	12	12	15	13	13	10	10	10	10	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise: 12:12p Cloudy

Sunset: Time, 7:06 Character, Clear
Moonset: 12:47a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

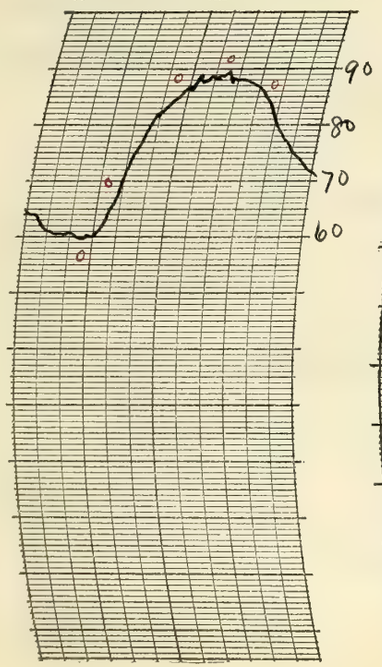
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 3:33 p.
Reduced barometer, 30.02 7 a. m. 29.87 7 p. m.
River gage, 1.7 feet
Relative humidity, 58 7 a. m. 31 7 p. m.

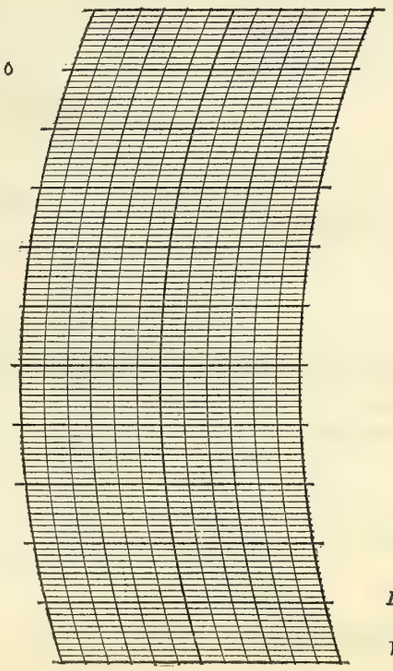
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 65.0
Dew-point, 52 R. humidity, 31 V. pressure, 387
Clouds: Amount, 3; Kind, Ci St; Direction, NW SW
Velocity of clouds (miles per hour)

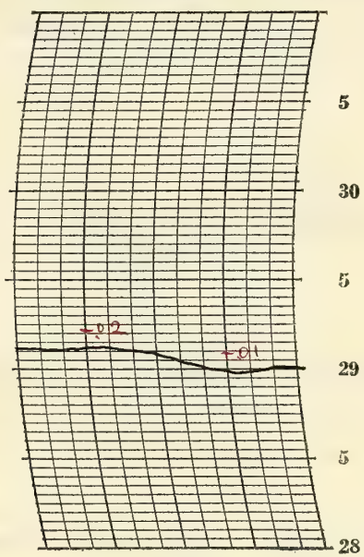
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.L.R.

Verified by C. McDonough

8—486

NOTES

By observation.

Thin upper clouds prevailed the greater part of the time and there were a few lower clouds during the middle of the day. Clear at night with moonlight.

The temperature rose rapidly during the forenoon and it was quite warm during the afternoon and night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 1 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	67	66	69	73	81	85	87	89	90	90	89	91	91	90	89	86	83	82	78	76	75
State of weather: Nature of precipitation and time of beginning and ending														RB 1:22 RE 1:30 .03										
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear						Cldy	×			Clear						→
Sunrise: Time, 4:11; Character, Clear																								
Moonrise: 1:14p Cloudy																								
Sunset: Time, 7:07; Character, Clear																								
Moonset: 1:17a Clear																								
Sunshine (in tenths of hours)					82 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	06 0.4	12 0				
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	8	8	9	8	9	9	11	14	16	16	17	19	16	18	21	19	15	12	9	10	9	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

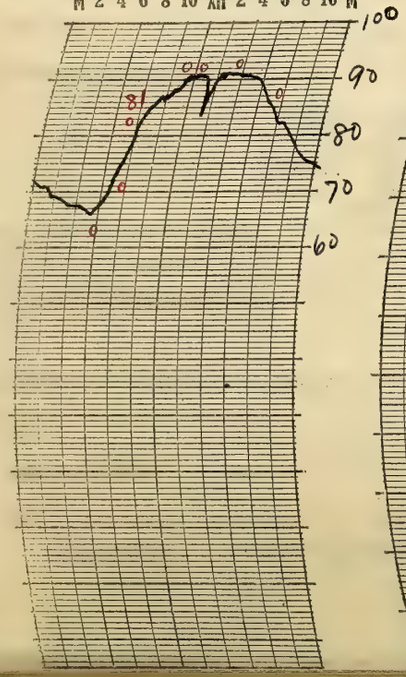
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 296
Average hourly velocity, 12.3 Extreme velocity, 25
Maximum velocity, 24 Direction, S
Time began, 3:23 p.m.
Reduced barometer, 29.91 7 a. m. 29.79 7 p. m.
River gage, 1.0 feet
Relative humidity, 54 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 89.6 Wet temperature, 72.0
Dew-point, 64 R. humidity, 43 V. pressure, .595
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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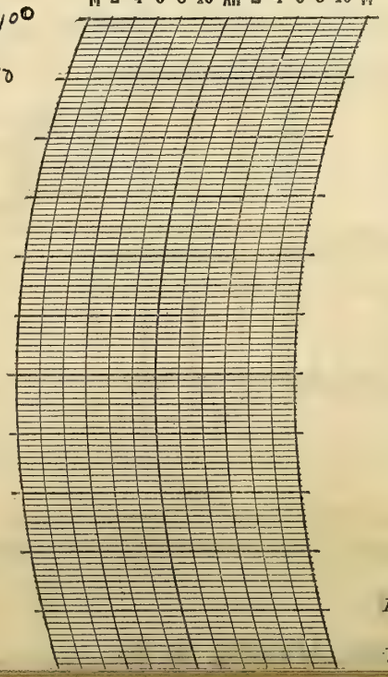
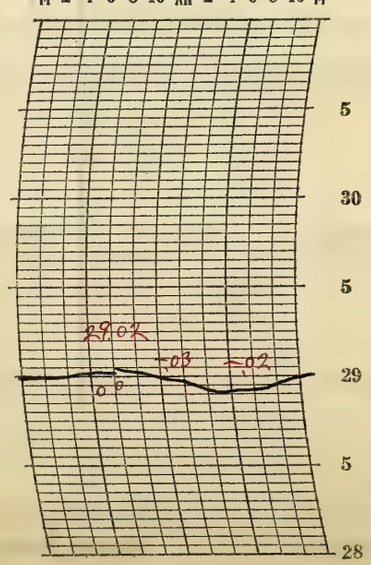


BAROGRAPH.



Prepared by OEK

Verified by P. McDonough

NOTES

Upper clouds prevailed during the forenoon and afternoon with lower clouds during the middle of the day. A light shower occurred in the afternoon but the clouds did not interfere with the sunshine.

The temperature continued considerably above the normal for the whole of the 24 hours.

The sky was clear into the night with moonlight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 2 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	71	70	70	75	79	83	85	86	87	88	89	88	88	87	86	83	81	80	78	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Pt. Cloudy								Cloudy					
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	9	8	9	9	10	10	13	17	19	21	19	20	22	18	19	16	14	11	11	11	10	11	12

Sunrise: Time, 4:10; Character, Cloudy. Moonrise: 2:19 p, Cloudy.

Sunset: Time, 7:07; Character, Cloudy. Moonset: 1:45 a, Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	69	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 12.4; Possible sunshine, hours, 15.0

Per cent of possible sunshine, 83

Prevailing wind direction, S; Total wind, 326

Average hourly velocity, 13.6; Extreme velocity, 33

Maximum velocity, 28; Direction, S

Time began, 12:15 p.m.

Reduced barometer, 29.93 7 a. m. 29.88 7 p. m.

River gage, 1.4 feet

Relative humidity, 59 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

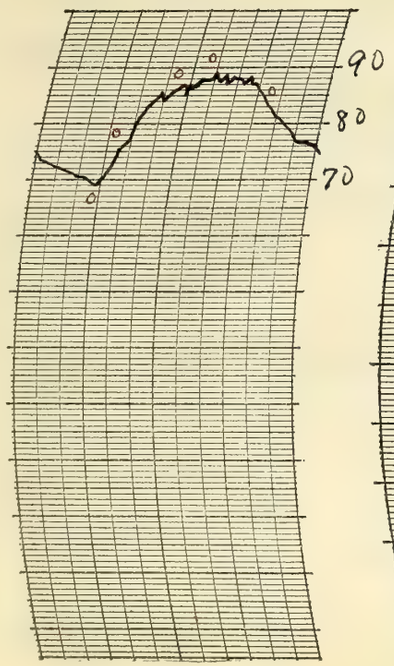
Dry temperature, 87.0; Wet temperature, 69.5

Dew-point, 61; R. humidity, 41; V. pressure, 536

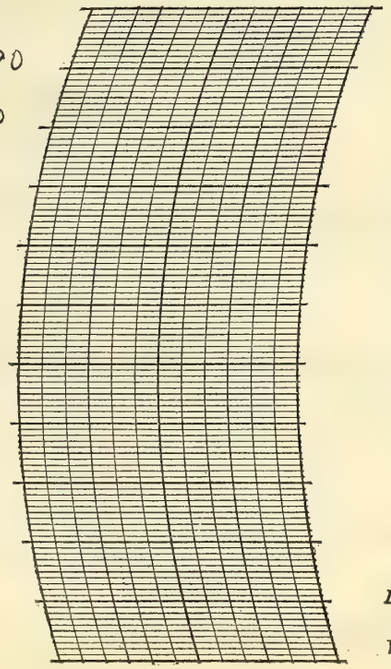
Clouds: Amount, 7/4; Kind, a St cu; Direction, SW

Velocity of clouds (miles per hour)

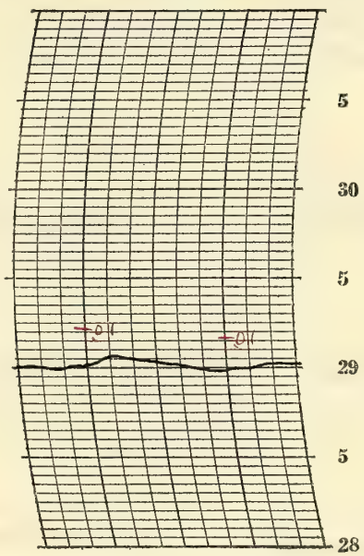
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was partly cloudy during the day but sunshine was recorded through the clouds the greater part of the time. It became over cast in the evening and continued cloudy into the night. Moon visible through clouds.

The temperature continued high. Strong south winds.

22° Solar halo observed 4:15 p.m until about 6:15 p.m

22° Lunar halo observed at 8:15 p.m and still visible at 10:35 p.m.

Form No. 1014 - McL'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 3 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	71	71	70	72	76	80	83	87	88	90	91	91	90	90	89	88	86	84	82	79	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt cldy		Clear			Pt cldy							Cloudy				Pt cldy			
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	10	8	9	10	11	14	18	21	25	23	23	23	21	19	20	16	10	10	10	9	6	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Clear
Moonrise: 3:26p Cloudy
Sunset: Time, 7:08 Character, Cloudy
Moonset: 2:16a Clear?

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

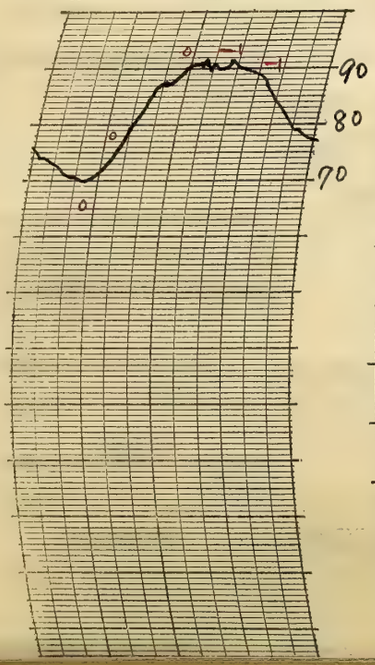
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 87
Prevailing wind direction, S Total wind, 344
Average hourly velocity, 14.3 Extreme velocity, 30
Maximum velocity, 28 Direction, S
Time began, 9:08a
Reduced barometer, 29.967 a. m. 29.987 p. m.
River gage, 1.2 feet
Relative humidity, 59 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 90.0 Wet temperature, 71.0
Dew-point, 62 R. humidity, 39 V. pressure, 555
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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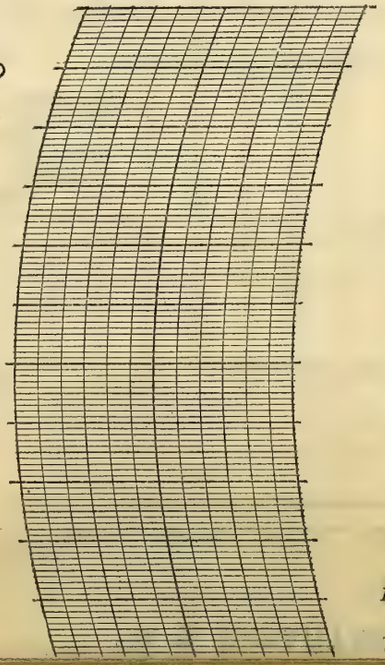
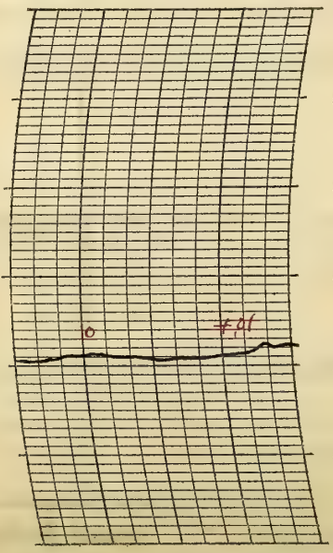


BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

There was considerable cloudiness at times during the day but the sun shine recorded the greater part of the time through the clouds. It cleared somewhat after night. Moonlight.

Temperatures continued high. Strong south winds.

22° Solar halo observed at 8:00 a.m. — visible for a short while.

22° Lunar halo observed about 8:00 p.m. — and after.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 4 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	73	72	72	76	82	87	89	90	92	93	94	95	96	95	93	90	87	85	83	79	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<	—	Cldy	—			—	X	—	Pt	Cldy	—		X	—	—	Clear	—		>	
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 / 0.4	1.5 / 0				
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	6	7	8	7	8	8	11	11	13	15	15	14	14	15	14	12	11	8	7	8	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10; Character, Cloudy. Moonrise: 4:36p, Cloudy.

Sunset: Time, 7:09; Character, Clear. Moonset: 2:49a, Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

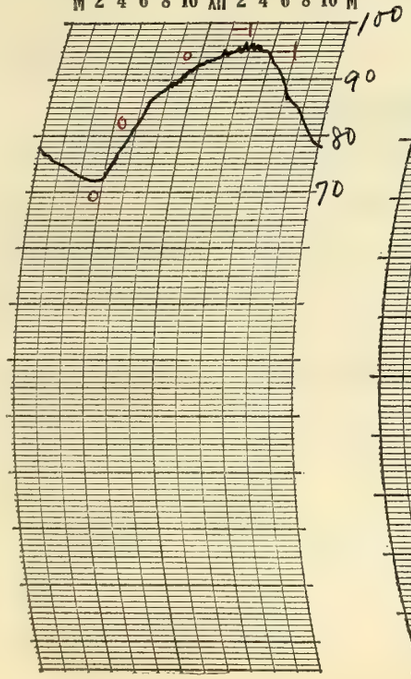
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	72	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.2; possible sunshine, hours, 15.0
Per cent of possible sunshine, 81
Prevailing wind direction, S; Total wind, 243
Average hourly velocity, 10.1; Extreme velocity, 22
Maximum velocity, 19; Direction, S
Time began, 10:31 am.
Reduced barometer, 30.13 7 a. m. 30.09 7 p. m.
River gage, 1.5 fall
Relative humidity, 63 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 92.0; Wet temperature, 71.0
Dew-point, 61; R. humidity, 35; V. pressure, .536
Clouds: Amount, 4; Kind, CU; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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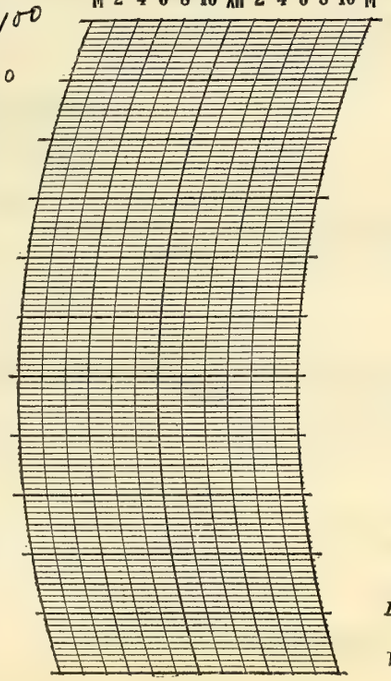
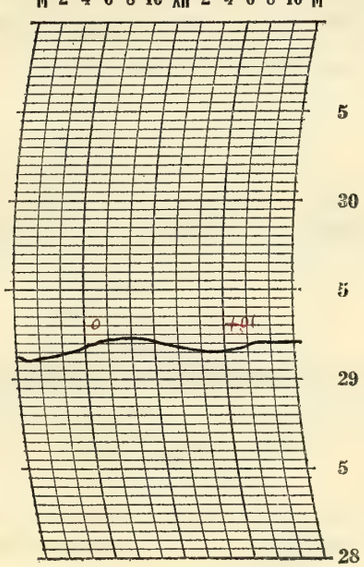


BAROGRAPH.



Prepared by E.G.P.

Verified by P. McDonough

8—486

NOTES

The amount of cloudiness decreased from early morning. Clear at night with moonlight.

The temperatures continued very high during the 24 hours.

22° Solar halo observed 7:10 am until 10:30 am — It was colored above the sun.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 5 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	74	74	74	78	84	88	92	93	93	95	96	97	96	95	95	93	89	86	83	81	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear						Pt cldy					Clear			
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	9	8	6	4	3	5	5	5	7	8	8	10	10	9	9	8	6	5	2	4	5	5	8	7

Sunrise: Time, 4:09; Character, Clear. Moonrise: 5:48 p; Cloudy.

Sunset: Time, 7:09; Character, Clear. Moonset: 3:26 a; Clear.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
97	74	86	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.6 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 97

Prevailing wind direction, S-SW Total wind, 156

Average hourly velocity, 6.5 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 11:09 a. m.

Reduced barometer, 30.20 7 a. m. 30.09 7 p. m.

River gage, 1.3 fell

Relative humidity, 57 7 a. m. 26 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

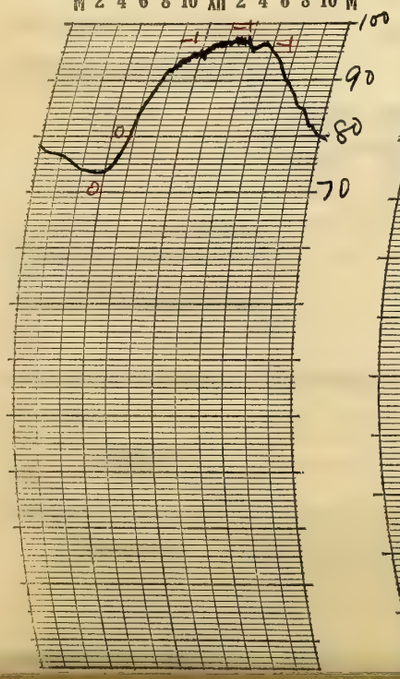
Dry temperature, 93.0 Wet temperature, 68.5

Dew-point, 55 R. humidity, 28 V. pressure, 432

Clouds: Amount, 3; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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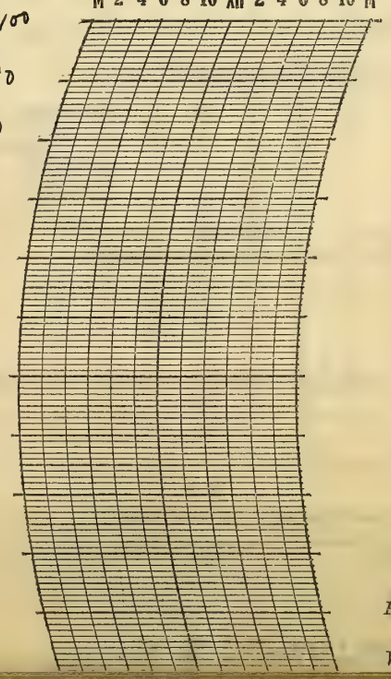

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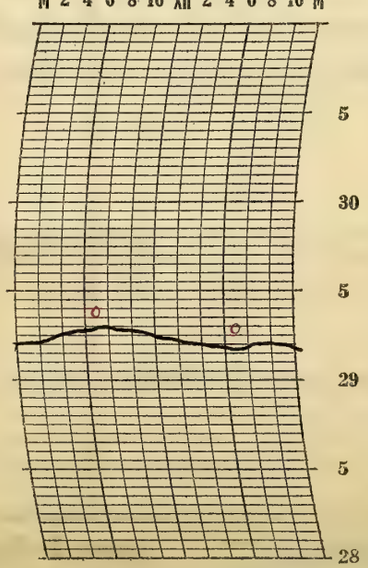


Prepared by O.G.S.

Verified by P. McDonough

NOTES

There were more or less clouds during the day with light upper clouds continuing into the night. The moon shone through the clouds.

The weather continued very hot.

22° Solar halo observed 3:15 p.m. till about 5:10 p.m.

Lunar corona observed 9:00 p.m. till after 11:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	78	77	76	75	74	78	79	83	90	93	94	95	95	95	94	93	90	80	72	68	67	67	67
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:20	- -	- -	- -	- -	RE DN
Amounts of precipitation																			.02	.05	.23	.06	.04	T
Cloudiness and other conditions							Pt Cldy			Clear					Pt Cldy				Cloudy					

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 7:00p Cloudy
Sunset: Time, 7:10 Character, Cloudy
Moonset: 4:09a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	S	S	S	S	S	S	S	S	NW	NW	N	N	NW	NW	N	N	N	N	S	S	S	S	S	S
Wind movement	4	6	5	5	4	4	6	3	5	6	6	6	5	5	6	5	5	6	16	11	23	24	16	13
Maximum velocities (exceeding 29 miles) direction and time																						30 S 9:23		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

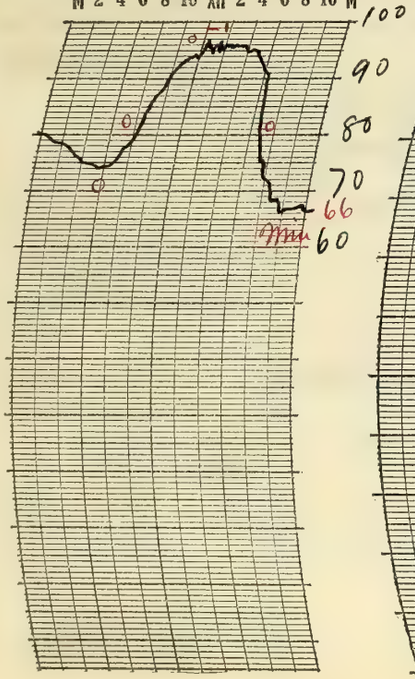
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	66	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 4.0 inches.
Character of day, Pt Cloudy Moon phase, Full moon 3:48 p.m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 69
Prevailing wind direction, S Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 33
Maximum velocity, 30 Direction, S
Time began, 9:23 p.m.
Reduced barometer, 30.12 7 a. m. 29.94 7 p. m.
River gage, 1.4 feet
Relative humidity, 44 7 a. m. 56 7 p. m.

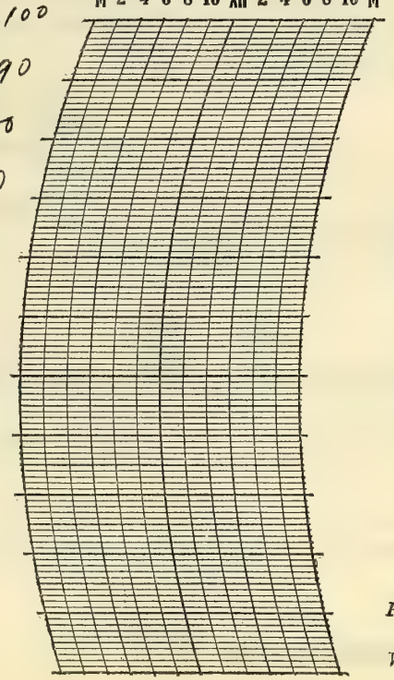
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 94.0 Wet temperature, 70.0
Dew-point, 57 R. humidity, 29 V. pressure, 465
Clouds: Amount, 3; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

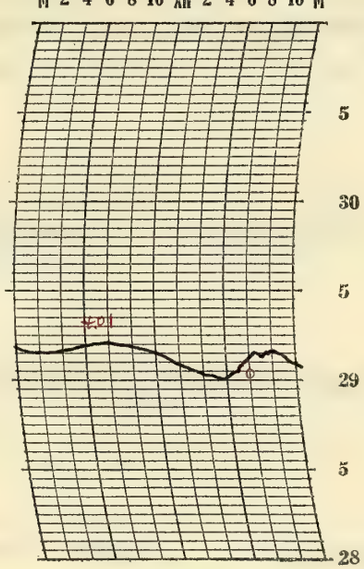
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The cloudiness varied somewhat from time to time and it became threatening in the afternoon. A thunderstorm began 6:20 p.m and continued till near midnight. It progressed from the south and was accompanied by considerable wind and lightning and a moderate shower. It had been very hot and sultry during the day but the temperature dropped considerably during the storm.

Two small fires were started by lightening but the damage was not great.

Form No. 1014—McU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	66	66	68	71	74	78	79	82	81	82	83	83	84	84	82	79	77	76	75	74
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50		RE 7:35																
Amounts of precipitation						T	.01	T																
Cloudiness and other conditions					←	Cloudy		X		Clear			X		Pt cldy				X	clear				→

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 8:09p Clear
Sunset: Time, 7:10 Character, Cloudy
Moonset: 5:00a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.1	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	S	S	N	N	SE	S	S	S	S	S	SE	E	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE	SE
Wind movement	8	4	6	5	6	7	8	6	7	6	6	6	7	8	9	9	8	7	4	5	7	8	7	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

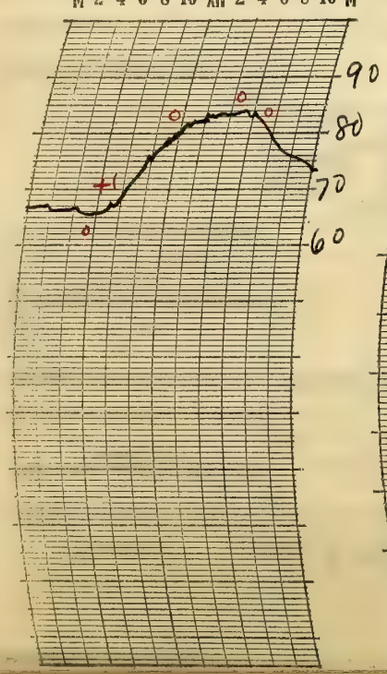
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .41 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 63
Prevailing wind direction, SE Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 3:13 p.m.
Reduced barometer, 30.01 7 a. m. 29.82 7 p. m.
River gage, 1.4 feet
Relative humidity, 85 7 a. m. 55 7 p. m.

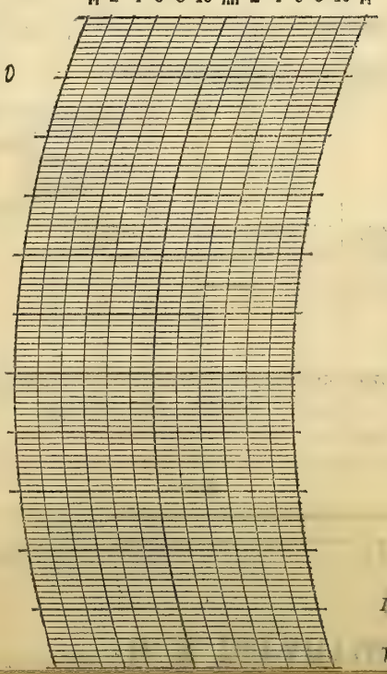
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 68.2
Dew-point, 61 R. humidity, 49 V. pressure, 536
Clouds: Amount, 2; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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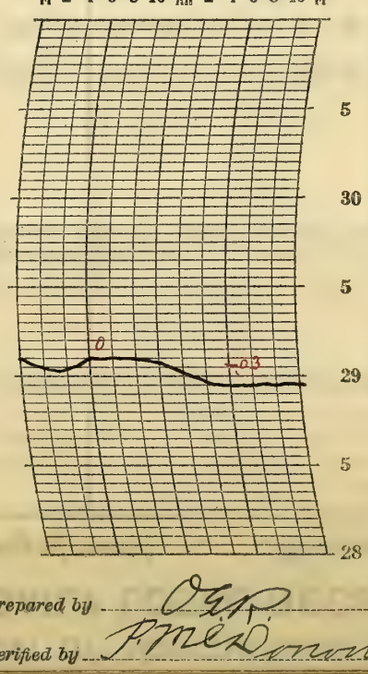


Prepared by OGR
Verified by P.M.E. Dunough

NOTES

By observation
A partly cloudy day with temperatures somewhat lower than on the previous date. The sky was clear into the night with bright moonlight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	70	70	73	77	80	83	85	85	86	88	86	87	86	84	81	79	77	75	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cldy		Clear		Cldy	Pt cldy			Cldy				Pt cldy			Clear		
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.1	0.5	0				
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	SW	SW	W
Wind movement	7	6	6	7	7	8	9	10	11	9	11	13	13	12	9	11	13	9	9	9	10	9	8	9

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 9:12p Clear
Sunset: Time, 7:11 Character, Clear
Moonset: 5:58a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

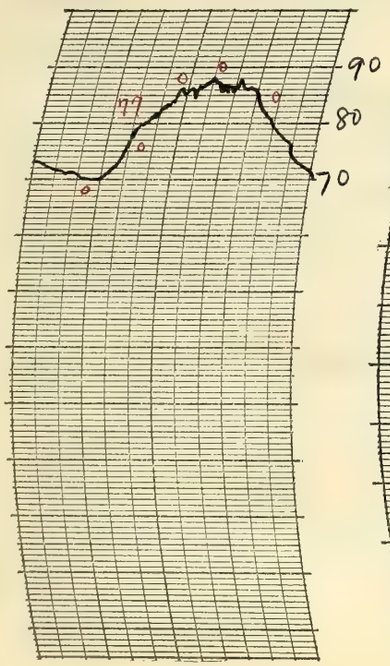
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	70	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 76
Prevailing wind direction, S Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 12:30 p.m.
Reduced barometer, 29.82 a. m. 29.82 p. m.
River gage, 1.3 feet
Relative humidity, 73 a. m. 47 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 71.5
Dew-point, 65 R. humidity, 52 V. pressure, 61.6
Clouds: Amount, 5; Kind, Ast Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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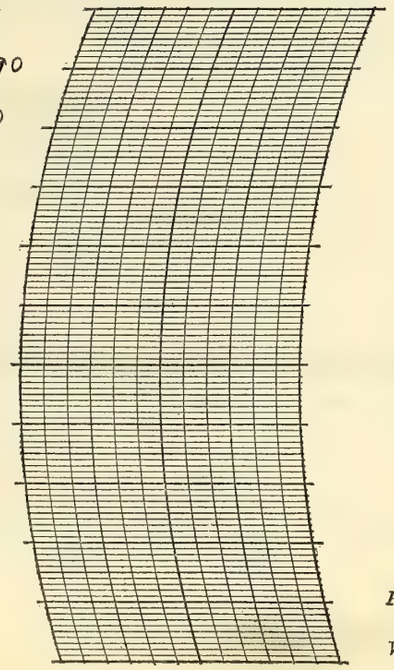
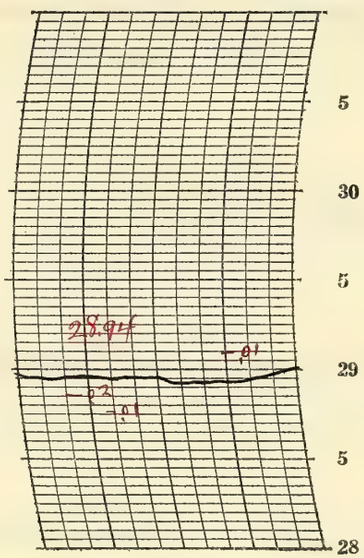


BAROGRAPH.



Prepared by OEP.

Verified by C. M. E. Donough

8—486

NOTES

*By observation

The sky was partly overcast generally during the day altho the sunshine considerably through the clouds. Clear at night with moonlight after about 10:00 p.m.

The weather was fair altho the temperature was somewhat above the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 9 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	65	63	64	69	72	76	78	80	82	84	86	86	84	84	83	81	78	77	74	71	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear						×	Pt cldy		× Cldy				×		Clear →			
Sunshine (in tenths of hours)					.87 0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	1.0	1.0	1.0	0.6	0.6	0.3	.06 0.4	.20 0				
Wind direction	NW	NW	W	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW
Wind movement	9	4	3	4	6	6	8	11	12	13	14	16	17	16	17	16	16	16	13	11	13	11	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise: 10:07p Clear
Sunset: Time, 7:12 Character, Clear
Moonset: 7:03a Clear

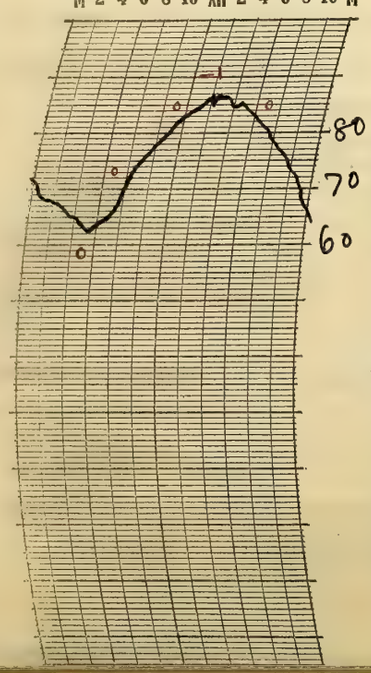
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	62	74	

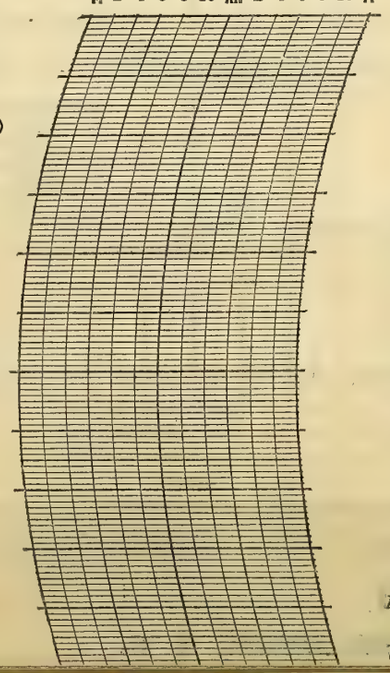
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 278
Average hourly velocity, 11.6 Extreme velocity, 26
Maximum velocity, 23 Direction, SW
Time began, 5:30 p.m.
Reduced barometer, 29.97 7 a.m. 29.83 7 p.m.
River gage, 1.5 feet
Relative humidity, 57 7 a.m. 28 7 p.m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 82.0 Wet temperature, 61.4
Dew-point, 47 R. humidity, 29 V. pressure, 322
Clouds: Amount, 3 ; Kind, Cu ; Direction, W
Velocity of clouds (miles per hour)

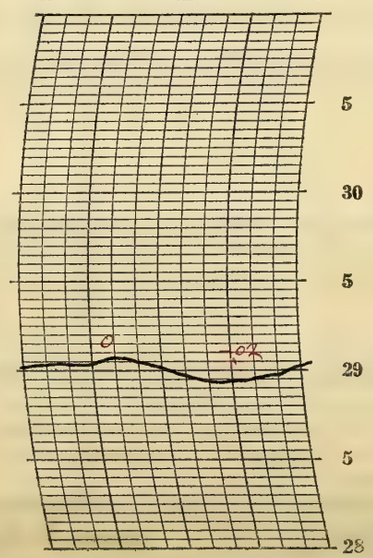
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by J. McDrough

NOTES

ø By observation

The cloudiness increased from early morning. It became cloudy in the late afternoon but cleared before sunset. There was considerable haze in the late afternoon. Stars visible. Moonlight late at night.

The temperature was still slightly above normal. Strong southwest winds. Low humidity

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 10 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	58	56	55	54	53	57	59	58	59	60	62	63	63	64	65	64	63	62	58	57	56	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt cldy X								Clear									→		
Sunrise: Time, 4:08 Character, Clear																					Sunset: Time, 7:12 Character, Cloudy			
Moonrise: 10:53p Clear																					Moonset: 8:13a Clear			
Sunshine (in tenths of hours)					57 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	04 0.4	0				
Wind direction	W	NW	W	SW	SW	SW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NE	NE
Wind movement	13	9	7	6	7	6	9	16	19	18	17	18	15	15	14	12	11	9	7	5	3	5	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 97
Prevailing wind direction, W Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 24
Maximum velocity, 22 Direction, NW
Time began, 8:34 a. m.
Reduced barometer, 30.06 7 a. m. 30.16 7 p. m.
River gage, 1.5 feet
Relative humidity, 61 7 a. m. 43 7 p. m.

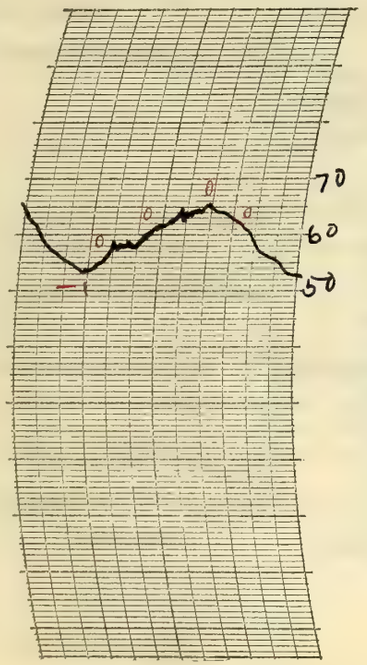
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 51.5
Dew-point, 42 R. humidity, 48 V. pressure, 266
Clouds: Amount, 3; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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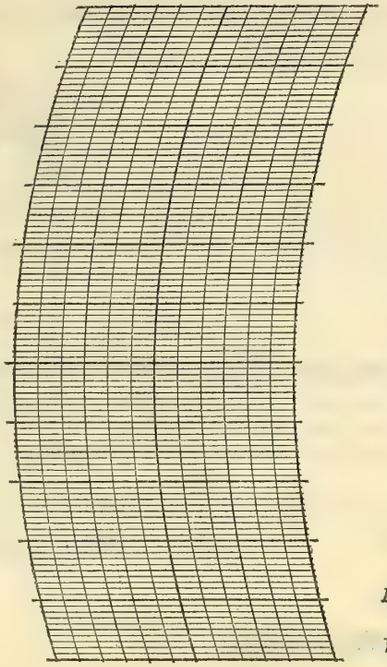
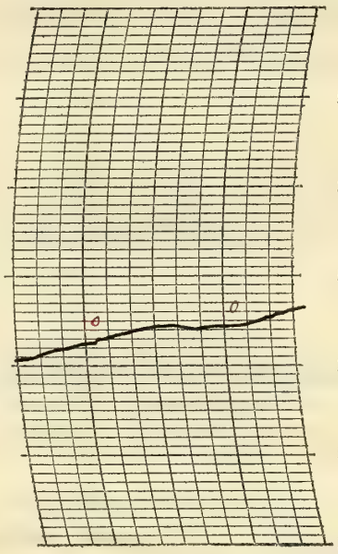


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDurough

8—486

NOTES

A small amount of cloudiness persisted all day and into the night. The clouds were mostly thin and the sunshine about all the time. Brighter stars visible at night.

The weather was cool and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 11 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	51	52	53	54	57	60	62	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy					
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	7	10	10	10	9	9	11	11	11	11	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	74	75	75	74	73	70	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	1.0	0.5 0	.22 0				
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	9	10	8	9	6	6	6	6	6	7	6

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 11:33p Cloudy?
Sunset: Time, 7:13 Character, Clear
Moonset: 9:24a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

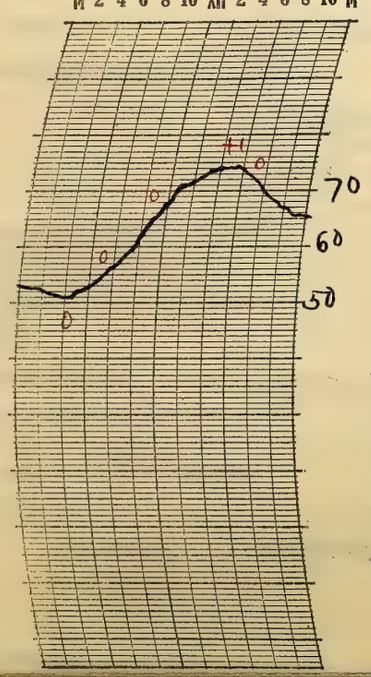
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	51	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 84
Prevailing wind direction, E Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 6:33 am.
Reduced barometer, 30.27 7 a. m. 30.09 7 p. m.
River gage, 1.4 feet
Relative humidity, 55 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 52.2
Dew-point, 38 R. humidity, 35 V. pressure, .228
Clouds: Amount, 6; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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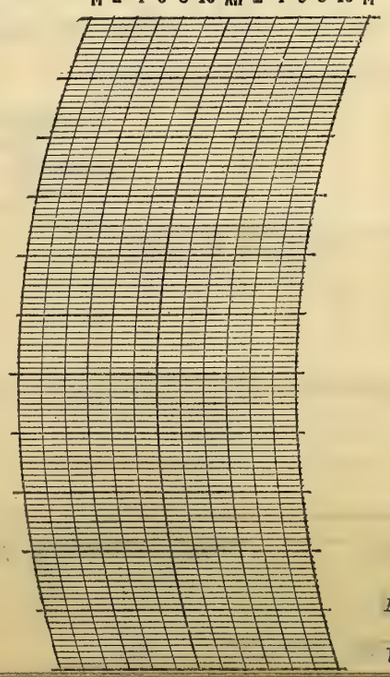
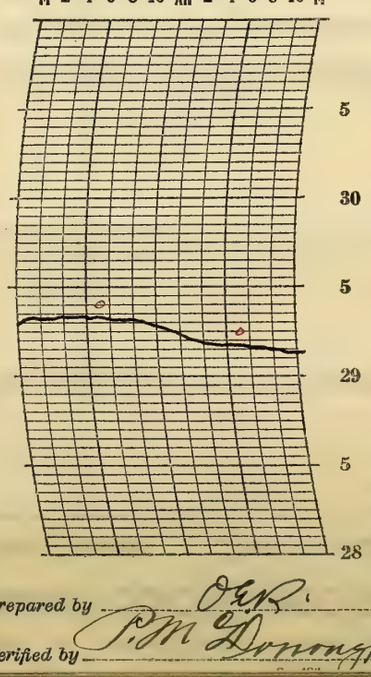


BAROGRAPH.



Prepared by O.E.R.
Verified by P.M. Donough

NOTES & By observation.

More or less cloudiness prevailed during the day and into the night. The clouds were thin and sunshine was recorded the greater part of the time. Brighter stars visible at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 12 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	60	57	56	57	62	65	74	82	86	88	88	91	91	91	91	92	91	87	84	83	82	80	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<					Pt Cldy						x		clear			>		
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	ϕ 1.0	ϕ 1.0	ϕ 1.0	ϕ 1.0	1.0	1.0	0.6 0.4	0				
Wind direction	SE	E	E	E	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	5	6	4	4	4	6	13	12	14	15	17	18	19	21	23	24	19	18	13	14	12	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: — —
Sunset: Time, 7:13 Character, Cloudy
Moonset: 10:33 a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

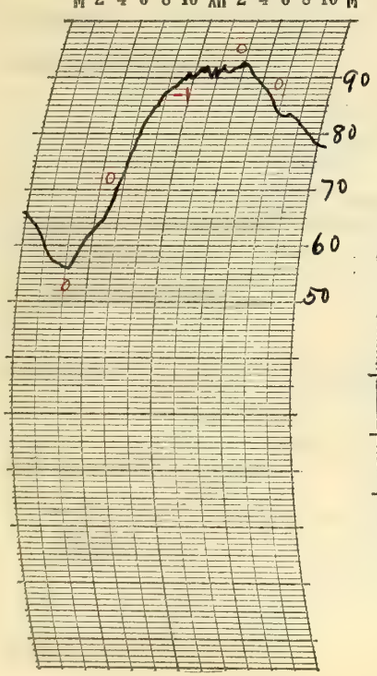
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	92	56	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind, 318
Average hourly velocity, 13.2 Extreme velocity, 34
Maximum velocity, 29 Direction, S
Time began, 3:45 p. m.
Reduced barometer, 29.99 7 a. m. 29.79 7 p. m.
River gage, 1.4 feet
Relative humidity, 57 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.5 Wet temperature, 68.5
Dew-point, 58 R. humidity, 36 V. pressure, 482
Clouds: Amount, 5; Kind, ast; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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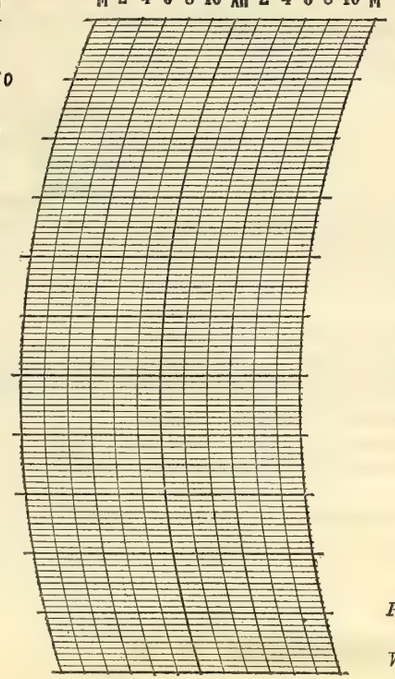
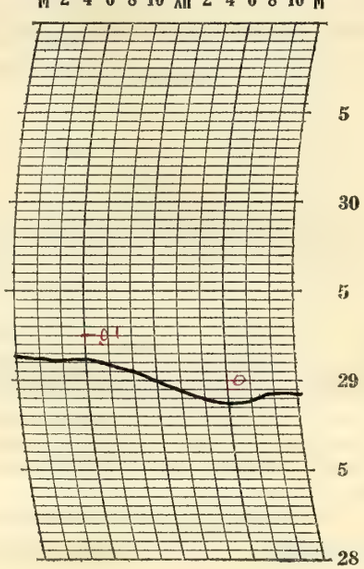


BAROGRAPH.



Prepared by O&R
Verified by M. McDonough

NOTES & Eye observation

The sky was partly overcast the greater part of the day. It cleared somewhat in the late afternoon but some cloudiness continued into the night.

The temperature rose very rapidly from early morning and it became real hot in the afternoon.

Increasing winds from the south.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 13 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	76	76	74	69	70	72	71	70	75	75
State of weather: Nature of precipitation and time of beginning and ending						RB 5:55	RE 6:20		RB 8:30	---	RE 10:20	
Amounts of precipitation						T	T		T	T	T	
Cloudiness and other conditions					<				Cloudy			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	76	68	67	67	67	66	66	66	66	65
State of weather: Nature of precipitation and time of beginning and ending				RB 3:40	--	---	RE 6:45					
Amounts of precipitation				.10	.27	.15	T					
Cloudiness and other conditions								X	Pt cloudy >			

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 12:08a Cloudy?

Sunset: Time, 7:14 Character, Clear
Moonset: 11:42a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.2	0	0	0.6	0.4
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	15	15	18	22	15	14	18	19	18	15	15

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.8	0.8	0.5	0	0	0	0.2	0.3				
Wind direction	SW	SW	SW	W	W	W	S	S	S	SW	SW	SW
Wind movement	16	21	18	10	5	3	5	6	8	5	5	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

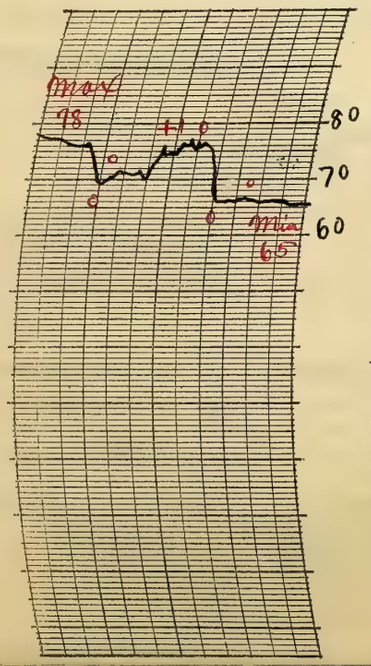
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .52 ins.
Total precipitation, midnight to midnight, .52 inches.
Character of day, Cloudy Moon phase, Last Quarter 6:44 am
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind, 305
Average hourly velocity, 12.7 Extreme velocity, 31
Maximum velocity, 26 Direction, SS
Time began, 4:24 am.
Reduced barometer, 29.82 7 a. m. 29.91 7 p. m.
River gage, 1.5 feet
Relative humidity, 81 7 a. m. 92 7 p. m.

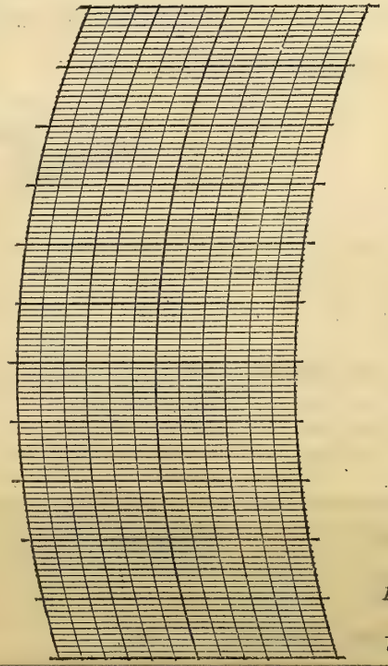
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 67.5
Dew-point, 64 R. humidity, 68 V. pressure, .595
Clouds: Amount, 9; Kind, St+Cu; Direction, SW
Velocity of clouds (miles per hour)

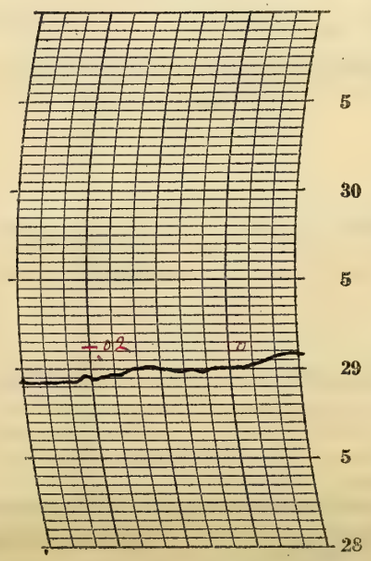
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.P.

Verified by P.M. Donough

NOTES (By observation)

The sky was mostly cloudy with light showers in the forenoon and a steady rain in the late afternoon. The sky cleared somewhat about sunset altho lower clouds continued into the night. Stars visible through the clouds.

A light thunderstorm began at 3:45 p.m. and ended at 6:45 p.m.

Rainbow appeared from 6:40 p.m. to 6:48 p.m. There was a small portion on the left above the horizon and a small portion on the right from the horizon up.

The temperatures were moderate but the weather was somewhat sultry.

8—488

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	65	66	68	69	70	71	73	77	79	80	81	83	85	84	85	84	82	79	77	76	75	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy									×	Cloudy		×					Cloudy				→		
Sunshine (in tenths of hours)					0	0.7	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SE	S	SE	SE
Wind movement	6	5	4	9	6	4	4	5	4	7	6	6	8	10	8	7	7	4	4	4	8	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 12:40a Cloudy ?
Sunset: Time, 7:14 Character, Cloudy
Moonset: 12:47p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

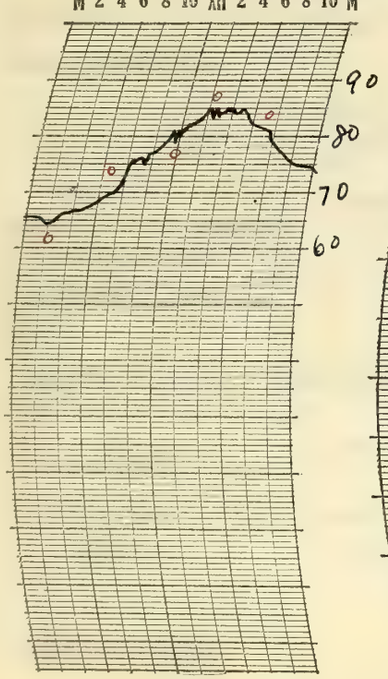
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 12:56 p.m.
Reduced barometer, 30.10 7 a. m. 30.11 7 p. m.
River gage, 1.8 feet
Relative humidity, 88 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 70.0
Dew-point, 65 R. humidity, 61 V. pressure, 616
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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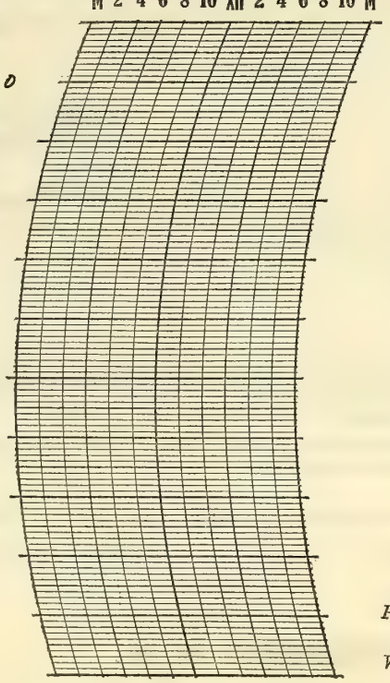
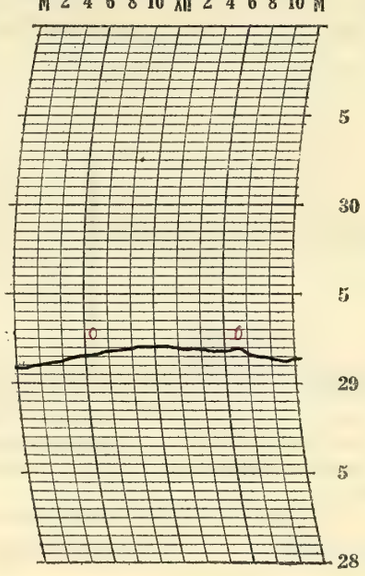


BAROGRAPH.



Prepared by O.G.R.

Verified by P. McDonough.

8—486

NOTES ø By observation

The sky was cloudy except for a while during the middle of the day when it was partly cloudy. Brighter stars visible through the clouds late at night.

It was warm and rather sultry in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 15 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	71	72	75	77	78	82	85	85	89	91	70	71	72	72	72	71	71	72	71	70
State of weather: Nature of precipitation and time of beginning and ending															RB 2:35	RE 3:55								
Amounts of precipitation															.06	.12								
Cloudiness and other conditions						Cloudy						Pt cldy						Cloudy			Pt cloudy			

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: 1:08a, Cloudy.

Sunset: Time, 7:14; Character, Cloudy. Moonset: 1:50p, Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.2	0.3	1.0	1.0	1.0	1.0	1.0	0.1	0	0	0	0	0				
Wind direction	SE	S	S	SW	SW	SW	SW	W	SW	S	S	SW	SW	SW	W	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	5	6	7	7	9	8	9	8	5	9	13	15	16	13	17	16	8	10	9	7	8	6	4	6
Maximum velocities (exceeding 29 miles) direction and time															33 SW 2:48									

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.6. Possible sunshine, hours, 15.1

Per cent of possible sunshine, 37

Prevailing wind direction, SW. Total wind, 221

Average hourly velocity, 9.2. Extreme velocity, 36

Maximum velocity, 33. Direction, SW

Time began, 2:48 p.m.

Reduced barometer, 30.03 7 a. m. 29.927 p. m.

River gage, 1.9 feet

Relative humidity, 84 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

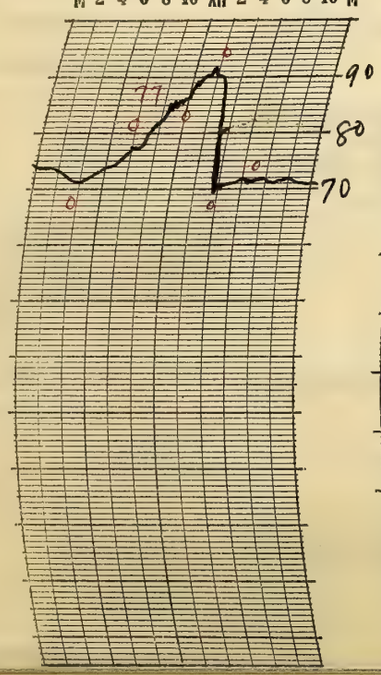
Dry temperature, 85.0. Wet temperature, 74.5

Dew-point, 70. R. humidity, 61. V. pressure, .732

Clouds: Amount, 3/4; Kind, a st a cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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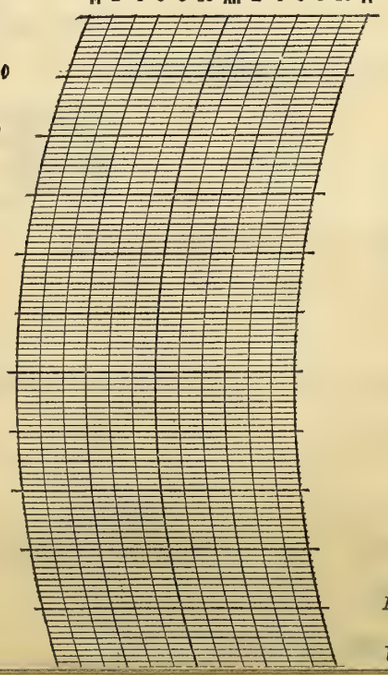

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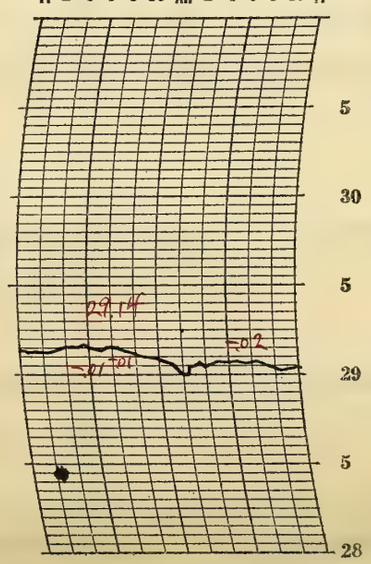


Prepared by OGR

Verified by P. McDonough

NOTES

The sky was mostly cloudy during the day with clouds continuing into the night. Stars visible through clouds late at night.

A thunderstorm began at 2:12 p.m. and ended 3:15 p.m. The storm was accompanied a moderate shower and strong winds.

It was warm and quite muggy before the storm. As the rain began the temperature fell from 91.5 to 70.0 in a few minutes.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	69	69	69	70	72	72	74	76	76	79	77	77	77	74	72	71	68	66	64	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy				X	Partly Clear	X		Pt Cldy					Clear			→		
Sunshine (in tenths of hours)					0	0	0	0.6	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0 φ	1.0 φ	1.0	0.6 0.4	0.25 0				
Wind direction	SW	W	SW	NW	N	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	3	3	4	7	8	8	11	11	14	12	13	10	12	12	12	11	11	10	7	7	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 1:37a Cloudy
Sunset: Time, 7:15 Character, Clear
Moonset: 2:52p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

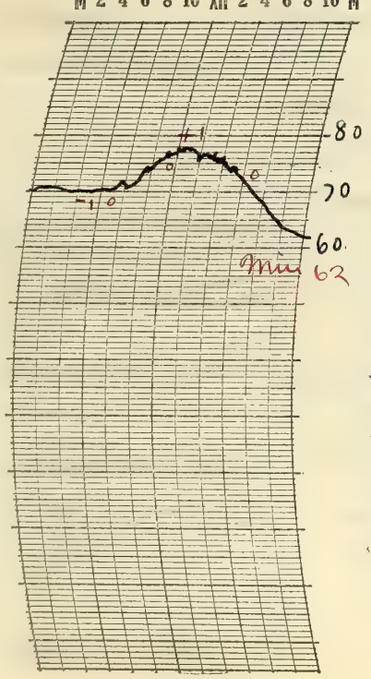
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 75
Prevailing wind direction, E Total wind, 210
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 9:14 am.
Reduced barometer, 30.00 7 a. m. 29.98 7 p. m.
River gage, 2.6 feet
Relative humidity, 84 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 76.4 Wet temperature, 66.2
Dew-point, 61 R. humidity, 59 V. pressure, 536
Clouds: Amount, 1/2; Kind, Cu; Direction, W NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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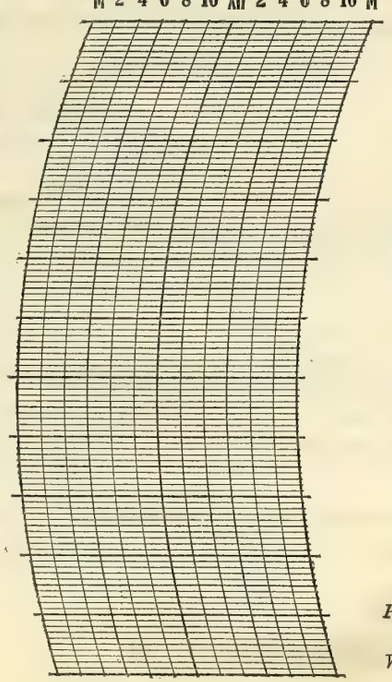
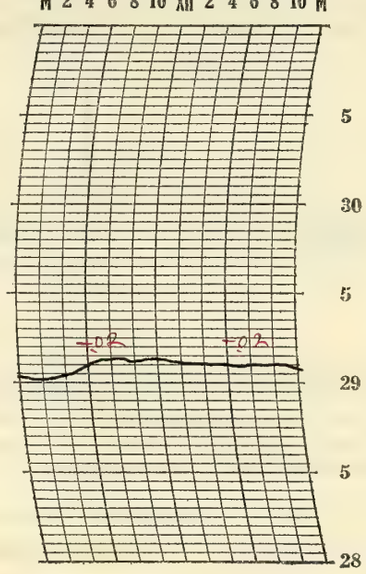


BAROGRAPH.



NOTES φ Eye observation.

The sky was mostly cloudy during the forenoon with gradually clearing in the afternoon. Stars visible at night.

The weather was pleasant. Only a moderate range in temperature.

Prepared by O.E.R.

Verified by C. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	61	62	66	69	66	67	66	68	75	80	81	82	82	81	78	76	76	75	75	74
State of weather: Nature of precipitation and time of beginning and ending									RB 8:26	---	---	RE 11:15												
Amounts of precipitation									.13	.11	.13	T												
Cloudiness and other conditions									Cloudy				X			Pt cldy			X	Cloudy				

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 2:07a Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 3:53p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1	1.0	1.0	1.0	1.0	0.9	0	0	0				
Wind direction	E	E	E	E	SE	SE	SE	S	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	6	5	3	3	5	7	9	7	15	16	15	18	15	18	18	12	17	14	13	15	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

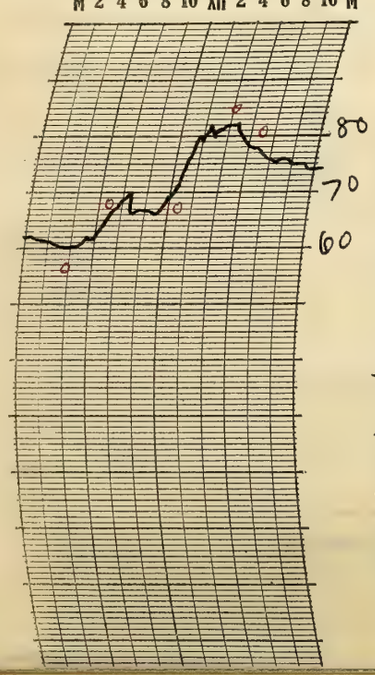
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .37 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind, 266
Average hourly velocity, 11.1 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 3:06 p.m.
Reduced barometer 29.89 7 a. m. 29.79 7 p. m.
River gage, 1.5 feet
Relative humidity, 80 7 a. m. 73 7 p. m.

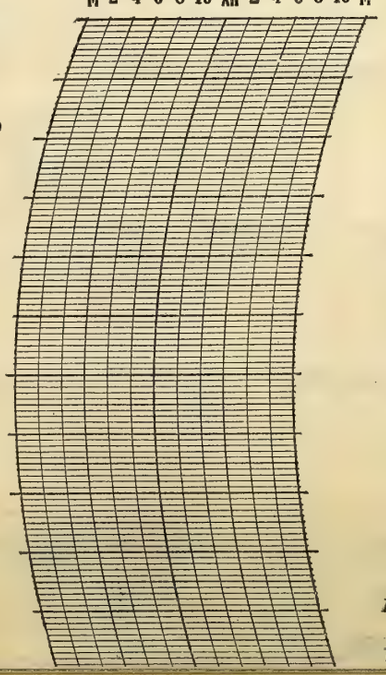
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.5 Wet temperature, 67.0
Dew-point, 66 R. humidity, 93 V. pressure, .638
Clouds: Amount, 9; Kind, St; Direction, W
Velocity of clouds (miles per hour)

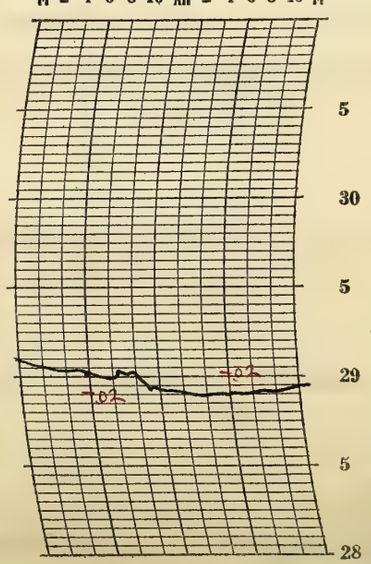
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OGR
Verified by P McDonough

NOTES

A thunderstorm from the northwest began at 8:26 am and ended at 11:15 am. It was accompanied by a moderate shower and moved almost directly against the previous surface wind which had been from the south and southeast.

A solar halo, 22° radius, was observed 12:40 p.m. to 1:00 p.m.

The day was mostly cloudy with considerable cloudiness continuing into the night. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 18 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	70	70	71	72	74	75	76	76	75	77	78	78	77	76	74	73	70	66	62	60	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								

Pt cloudy — Clear

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 2:39a Cloudy

Sunset: Time, 7:15 Character, Clear
Moonset: 4:53p Cloudy

Sunshine (in tenths of hours)					0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7 0	.25 0				
Wind direction	W	W	W	SW	W	W	W	NW	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	5	7	5	7	8	13	13	14	16	16	16	15	16	16	14	10	10	7	9	8	8	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

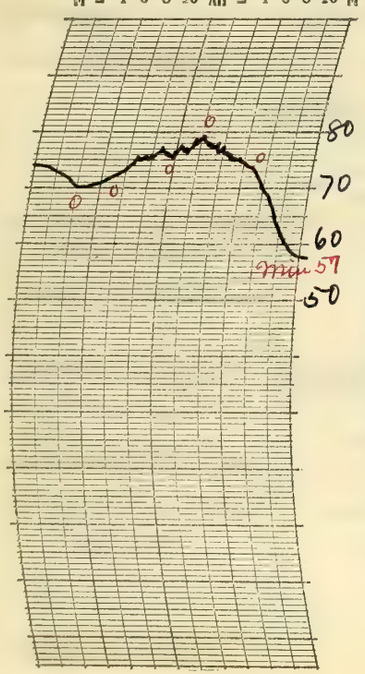
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 83
Prevailing wind direction, NW Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 10:56 am
Reduced barometer, 29.88 7 a. m. 29.91 7 p. m.
River gage, 1.6 fall
Relative humidity, 76 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.3 Wet temperature, 65.0
Dew-point, 60 R. humidity, 58 V. pressure, .517
Clouds: Amount, 4 ; Kind, Ast cu ; Direction, W NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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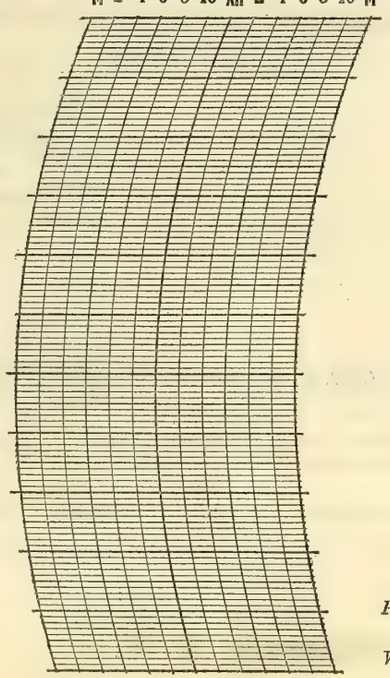
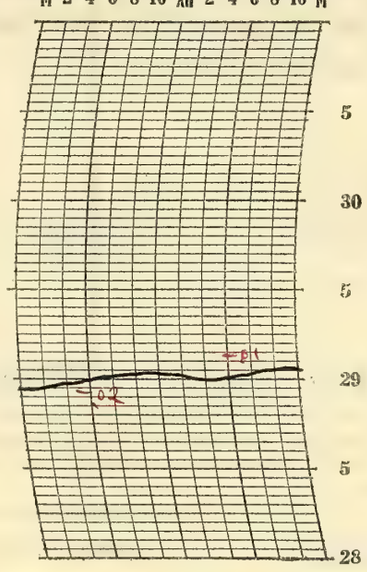


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Partly cloudy during the day with clearing at night. Stars bright. Moderate temperatures during the day. It became cool late at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 19 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	55	55	60	63	66	69	71	73	77	78	77	79	82	81	79	78	74	72	71	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear											→		
Sunshine (in tenths of hours)					87 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.8	0.7 0.3	0				
Wind direction	NW	N	N	N	N	N	N	E	NE	N	N	NW	W	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	5	6	4	3	3	3	3	4	4	4	5	6	6	8	9	9	12	8	6	5	7	8	8	9

Sunrise: Time, 4:08 Character, Clear
Moonrise: 3:14a Clear
Sunset: Time, 7:16 Character, Cloudy
Moonset: 5:51p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

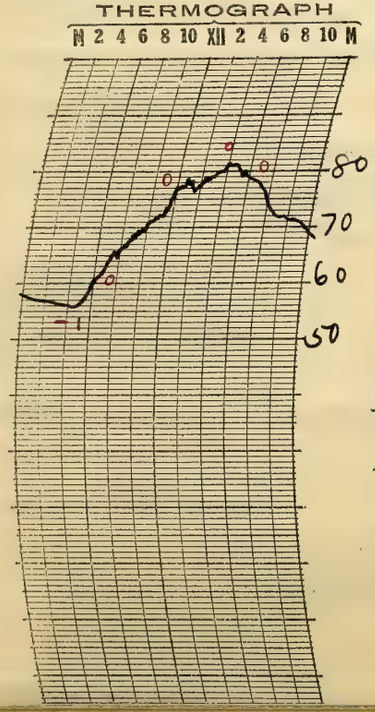
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 3:31 p. m.
Reduced barometer, 30.01 7 a. m. 29.92 7 p. m.
River gage, 2.0 feet
Relative humidity, 72 7 a. m. 49 7 p. m.

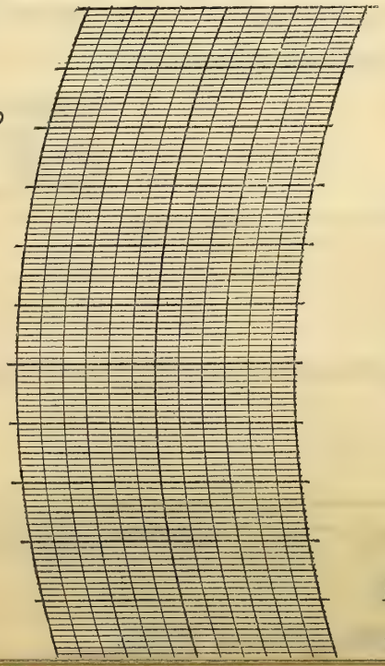
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.3 Wet temperature, 63.8
Dew-point, 56 R. humidity, 47 V. pressure, .448
Clouds: Amount, 2; Kind, a cu Direction, NW
Velocity of clouds (miles per hour)

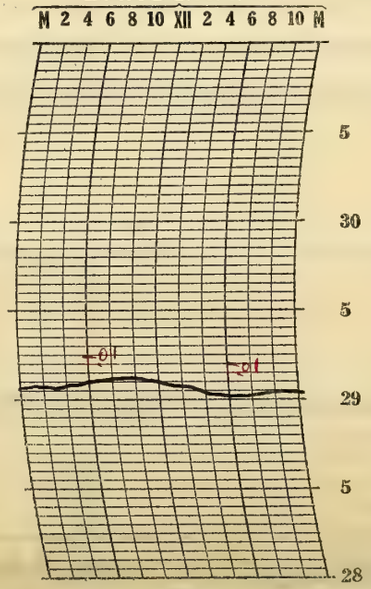
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.P.
Verified by T. McDonough

NOTES

Small amounts of upper and lower clouds prevailed at times during the day. Cumulus clouds prevailed into the night with stars visible between the clouds.

Fine weather with moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 20 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	65	65	65	68	71	74	76	79	80	81	83	85	86	86	86	85	83	78	75	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					85 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	27 0				
Wind direction	SW	SW	W	W	W	W	NW	NW	N	N	NW	NW	W	W	NW	W	W	W	SW	SW	W	SW	W	W
Wind movement	6	6	5	6	6	7	7	10	9	9	10	11	9	10	10	12	10	9	7	7	5	4	8	5
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 4:09 Character, Clear
Moonrise: 3:52a Clear

Sunset: Time, 7:16 Character, Clear
Moonset: 6:46p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

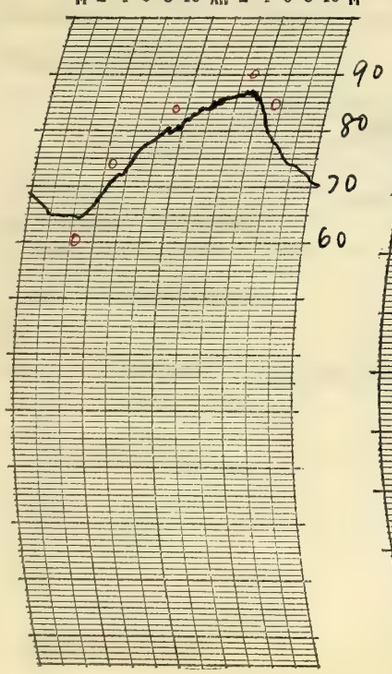
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 11:13 a.m.
Reduced barometer, 29.98 7 a. m. 29.96 7 p. m.
River gage, 0.7 feet
Relative humidity, 72 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.6 Wet temperature, 64.3
Dew-point, 55 R. humidity, 41 V. pressure, 432
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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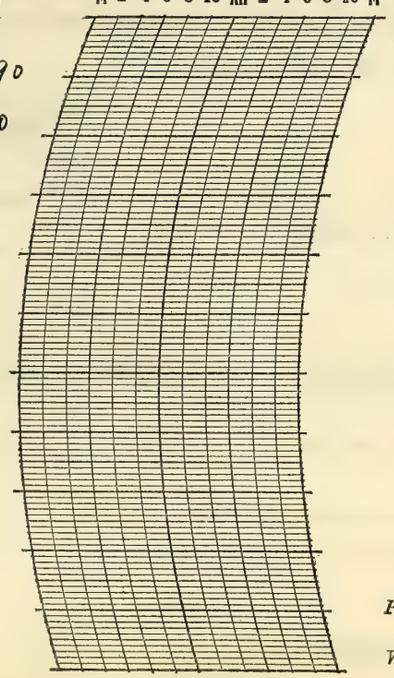
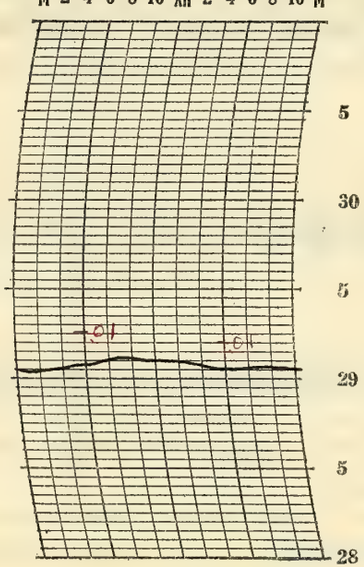


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

By observation

Except a small amount of clouds at the a.m. and p.m. observations the weather was cloudless.

About seasonal temperatures obtained in the early hours of the morning, but the late forenoon, afternoon, and night were quite warm and rather humid.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 21 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	66	66	69	71	76	79	80	82	84	85	85	85	84	84	82	80	76	74	73	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						X			Pt cloudy			X		Clear				
Sunshine (in tenths of hours)					.85 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	W	W	W	NW	NW	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	8	7	9	10	8	7	6	8	10	12	14	15	16	18	18	17	14	10	8	7	5	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:09; Character, Clear
Moonrise: 4:35a; Clear
Sunset: Time, 7:16; Character, Cloudy
Moonset: 7:32p; Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

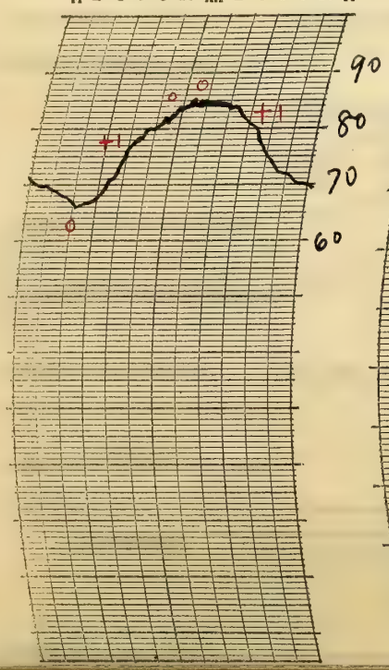
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy; Moon phase, New moon 12:17 am.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 14.4; Possible sunshine, hours, 15.1
Per cent of possible sunshine, 95
Prevailing wind direction, NW; Total wind, 238
Average hourly velocity, 9.9; Extreme velocity, 24
Maximum velocity, 22; Direction, NW
Time began, 3:51 p.m.
Reduced barometer, 30.04 7 a. m. 30.01 7 p. m.
River gage, 1.4 fall
Relative humidity, 69 7 a. m. 35 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0; Wet temperature, 68.0
Dew-point, 60; R. humidity, 44; V. pressure, .517
Clouds: Amount, 4/2; Kind, Ci St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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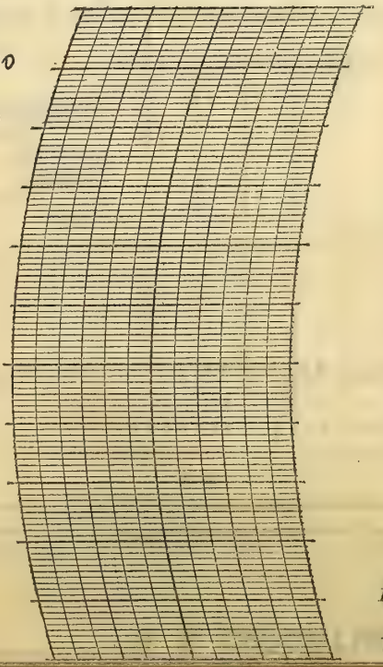
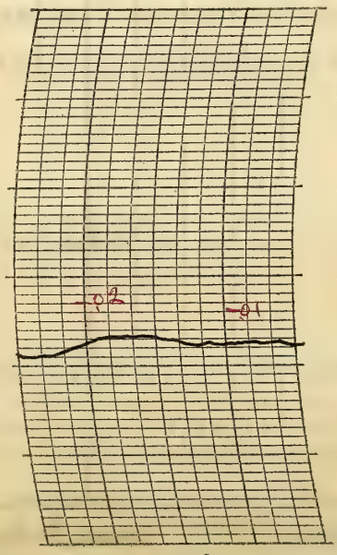


BAROGRAPH.



Prepared by O.G.K.

Verified by P. McDonough

NOTES

Summer solstice (summer commences) 4:50 p.m.

It was clear during the forenoon, partly cloudy in the afternoon and clear again at night. Stars bright.

It become rather warm during the middle of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 22 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	66	66	65	66	70	72	74	78	78	76	75	77	77	75	74	75	73	71	71	70	70	70
State of weather: Nature of precipitation and time of beginning and ending												RB 11:25	RE 12:05 RB 12:50	RE 1:10			RB 4:45	- - - -		RE 7:05				
Amounts of precipitation												T	T	T			T	T	T	T				
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)					0	0.3	0.3	0	0	0.8	0.5	0.1	0.2	0.4	0.1	0	0	0	0	0				
Wind direction	NW	NW	SW	SW	S	S	SW	SW	SW	W	W	W	NW	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	2	2	3	2	4	5	8	9	9	8	10	10	4	5	6	8	6	8	7	4	3	4	2	1

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 5:22a Cloudy
Sunset: Time, 7:16 Character, Cloudy
Moonset: 8:24p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 18
Prevailing wind direction, W Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 15
Maximum velocity, 14 Direction, NW
Time began, 10:44a
Reduced barometer, 29.96 7 a. m. 29.85 7 p. m.
River gage, 1.4 feet
Relative humidity, 59 7 a. m. 68 7 p. m.

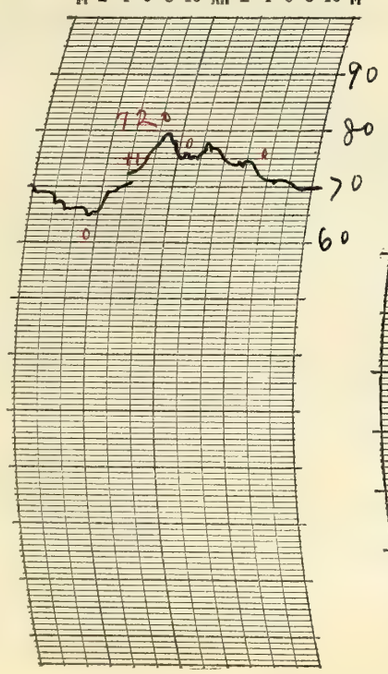
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum velocities (exceeding 29 miles) direction and time

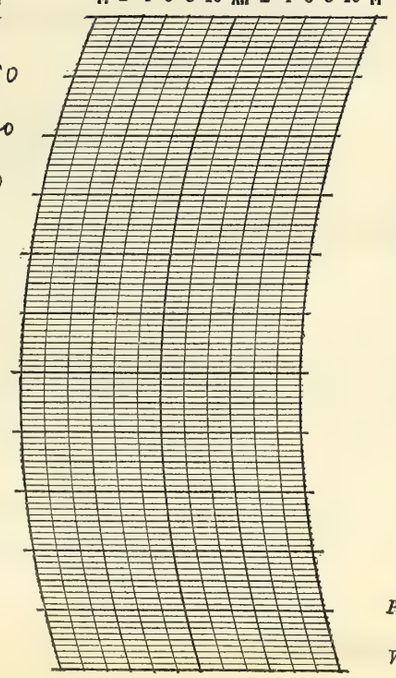
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 65.5
Dew-point, 60 R. humidity, 59 V. pressure, .577
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

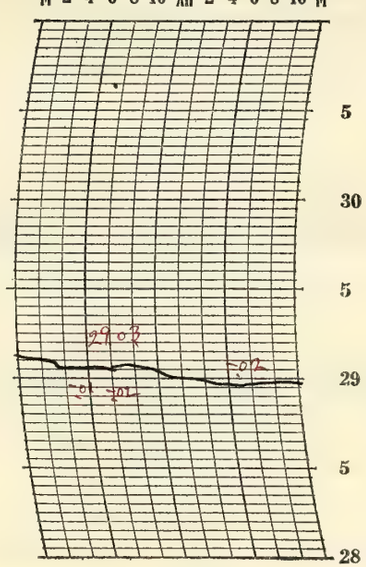
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky remained over cast the greater part of the day and into the night. Light showers occurred, mostly during the afternoon, but the total precipitation was only a trace.

The temperature made small variations from time to time but the total range was not great.

Form No. 1014-MeU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	64	64	66	68	70	73	75	76	78	79	79	78	77	74	72	68	66	64	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cldy				Clear							Pt Cldy		Cloudy				
Sunrise: Time, 4:09; Character, Cloudy																					Sunset: Time, 7:17; Character, Cloudy			
Moonrise: 6:14a Cloudy																					Moonset: 9:06p Cloudy			
Sunshine (in tenths of hours)					0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	W	N	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E	NE	E	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	2	3	13	12	9	9	13	13	12	12	13	12	12	11	10	11	13	14	12	9	10	9	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

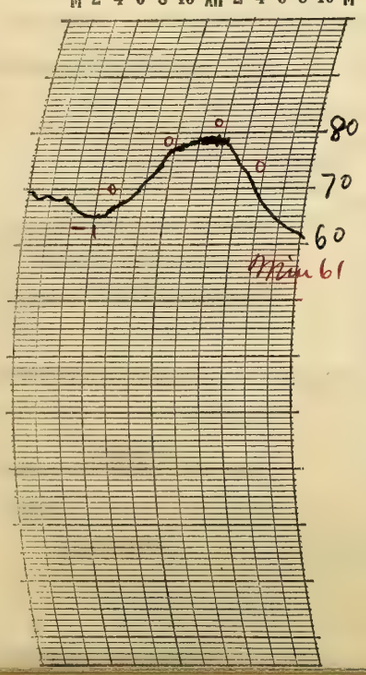
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.1; Possible sunshine, hours, 15.1
Per cent of possible sunshine, 74
Prevailing wind direction, NE; Total wind, 253
Average hourly velocity, 10.5; Extreme velocity, 18
Maximum velocity, 17; Direction, NE
Time began, 2:24 am.
Reduced barometer, 29.91 7 a. m. 29.95 7 p. m.
River gage, 1.3 feet
Relative humidity, 61 7 a. m. 46 7 p. m.

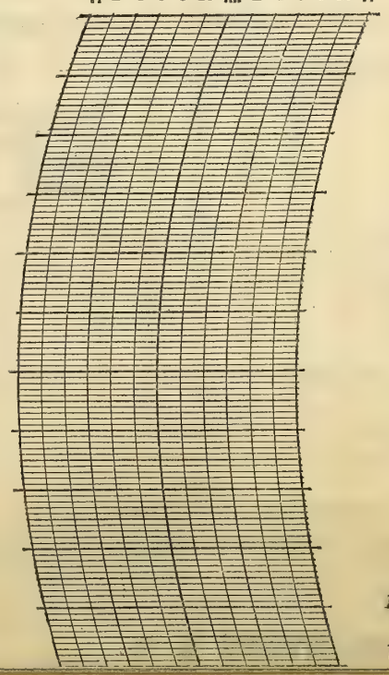
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0; Wet temperature, 63.2
Dew-point, 55; R. humidity, 49; V. pressure, .432
Clouds: Amount, 2 Few; Kind, Cu Cu St; Direction, W SE
Velocity of clouds (miles per hour)

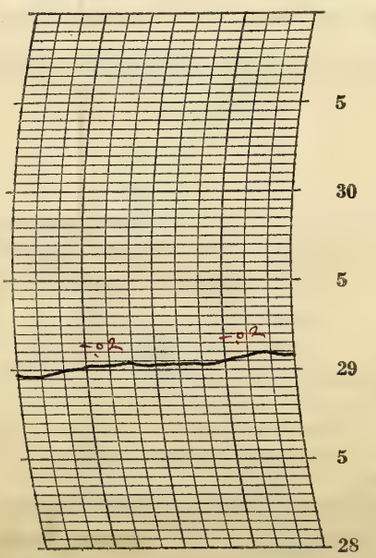
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.R.

Verified by P. McDonough

NOTES

It was partly cloudy in the morning, clear during the middle of the day with the upper clouds increasing considerably at night.
Temperatures about normal

Solar halo, 22° radius, observed at 7:20 am. It continued faintly until about 9:00 am and was again visible for a short while about 5:20 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 24 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	59	60	61	62	62	64	65	68	69	70	67	66	66	66	66	66	65	64	63	63
State of weather. Nature of precipitation and time of beginning and ending										RB 9:30	RE 11:00				RB 2:15	- - -	- - -	- - -	- - -	RE 7:15				
Amounts of precipitation										T	T				T	.08	.01	T	.16	T				
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 7:07 a Cloudy

Sunset: Time, 7:17 Character, Cloudy
Moonset: 9:44p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.8	0.6	0	0	0	0	0	0	0				
Wind direction	E	E	E	E	NE	E	E	NE	E	E	E	E	E	E	E	E	E	SE	SE	NE	N	N	NW	NW
Wind movement	10	11	10	10	7	9	8	8	7	9	10	11	11	8	10	8	7	4	5	6	8	7	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

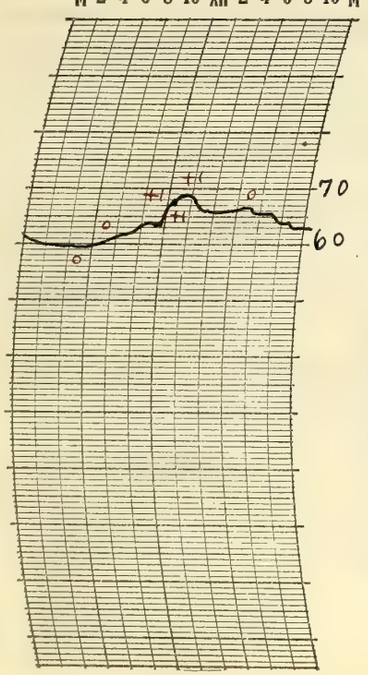
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	59	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 14 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 9
Prevailing wind direction, E Total wind, 202
Average hourly velocity, 8.4 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 8:41 p.m.
Reduced barometer, 29.87 7 a. m. 29.62 7 p. m.
River gage, 1.3 feet
Relative humidity, 71 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.9 Wet temperature, 62.5
Dew-point, 59 R. humidity, 74 V. pressure, 499
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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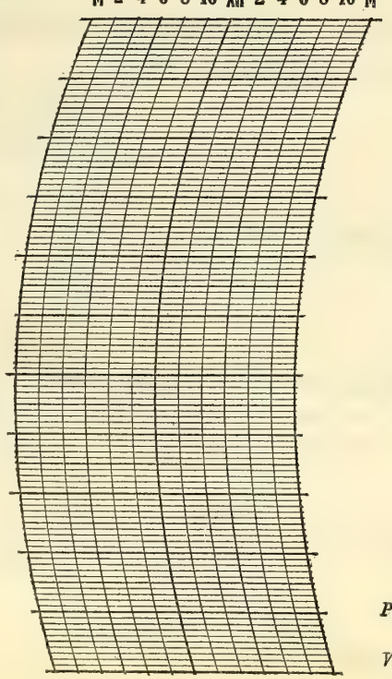
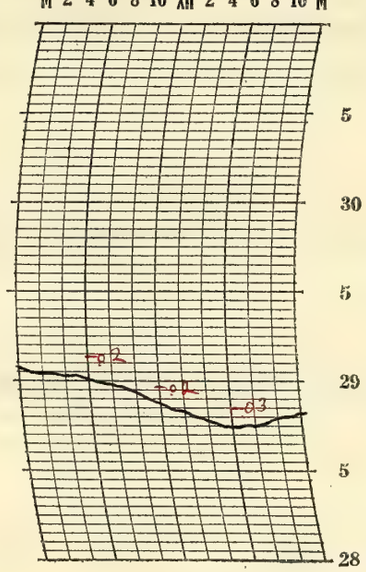


BAROGRAPH.



Prepared by O.E.H.

Verified by P. McDonough

8—486

NOTES

The sky continued mostly overcast all day and into the night. A light sprinkle occurred in the forenoon and intermittent showers in the afternoon and evening.

The temperature range was not very large and it was rather cool for the season.

Form No. 1011—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 25 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	58	58	61	63	64	64	64	64	63	63	64	64	65	66	65	63	61	59	57	55
State of weather: Nature of precipitation and time of beginning and ending														RB 1:20 RE 1:30										
Amounts of precipitation														T										
Cloudiness and other conditions							Clear		Pt cldy				Cloudy						Pt cloudy		Clear			
Sunshine (in tenths of hours)					0	0	0.8	0.8	0.8	0.2	0	0	0	0.3	0.2	0.6	0.7	0	0 0.5	0				
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W	W	SW
Wind movement	11	12	10	10	11	12	10	11	13	11	9	9	10	10	10	9	9	9	8	5	8	6	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 8:04 a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 10:18 p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

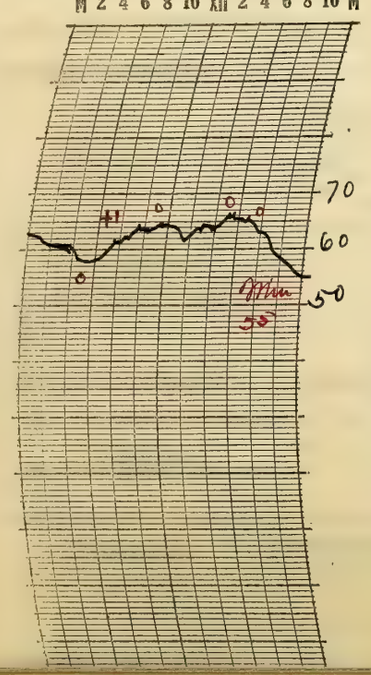
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	55	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 32
Prevailing wind direction, W Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 1:13 am
Reduced barometer, 29.83 7 a. m. 29.92 7 p. m.
River gage, 1.7 feet
Relative humidity, 89 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.4 Wet temperature, 58.9
Dew-point, 55 R. humidity, 72 V. pressure, 432
Clouds: Amount, 10; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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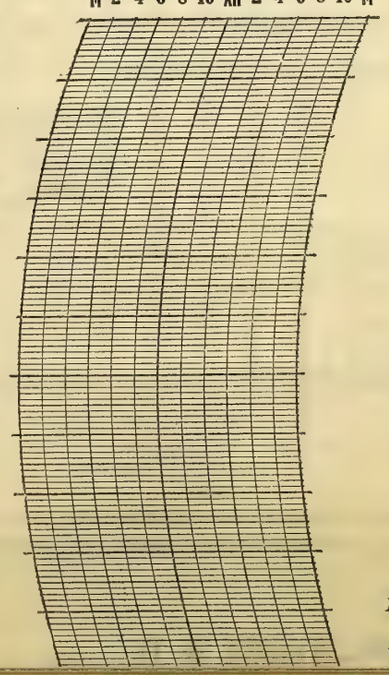
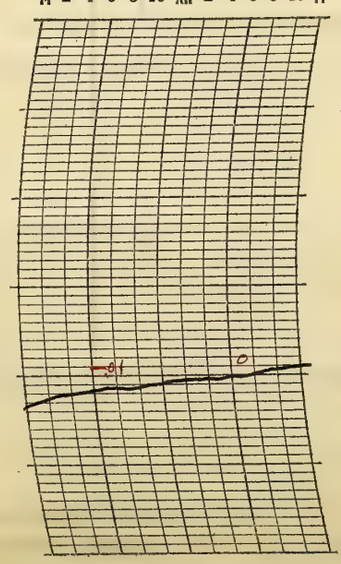


BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

NOTES

The amount of cloudiness increased from early morning and decreased at nightfall — the day, as a whole, was cloudy. The stars and crescent of new moon visible at night.

A small shower occurred in the afternoon and the weather was threatening at other times.

It was rather cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 26 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	53	53	55	60	64	66	68	72	74	76	79	78	77	77	77	75	72	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN				RB 8:15 RE 8:40															
Amounts of precipitation				T	T				T															
Cloudiness and other conditions						← Clear		X					Pt cloudy											→

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 9:02 a Cloudy
Sunset: Time, 7:17 Character, Clear
Moonset: 10:50 p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.28 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	N	N	N	NE	E	E	SE
Wind movement	9	9	7	9	10	12	15	17	14	17	16	16	15	15	14	9	10	8	6	4	2	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 24
Maximum velocity, 22 Direction, W
Time began, 11:32 am.
Reduced barometer, 29.93 7 a. m. 29.90 7 p. m.
River gage, 0.7 feet
Relative humidity, 81 7 a. m. 46 7 p. m.

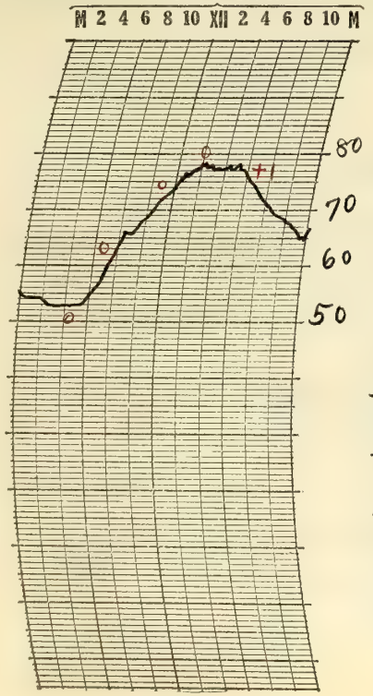
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 62.5
Dew-point, 55 R. humidity, 53 V. pressure, 432
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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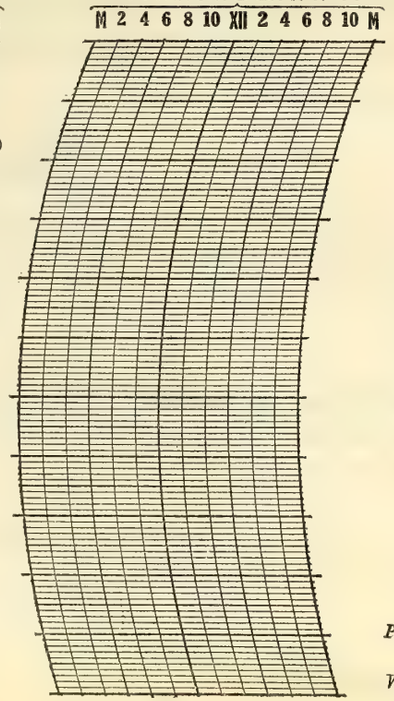
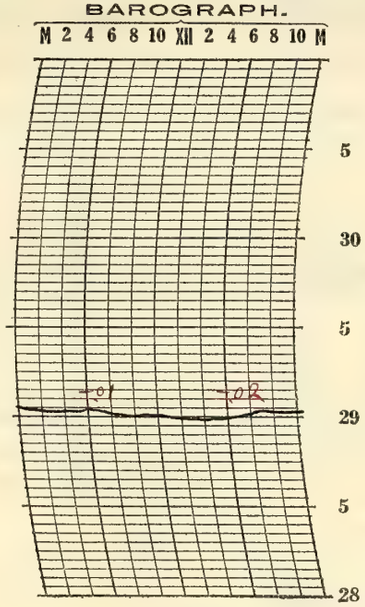


BAROGRAPH.



NOTES

The sky was partly overcast most of the day with light sprinkles of rain in the early morning and in the forenoon.
The temperature rose rapidly from early morning but the average was below the normal.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	64	63	63	63	64	69	71	73	75	76	77	79	80	79	67	68	70	66	65	64	62	59
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:20 RE 4:35		RB 6:25 RE 6:30	RB 7:30 RE 7:45				
Amounts of precipitation																	T		T	T				
Cloudiness and other conditions												Clear					Pt cldy		Cldy					
Sunshine (in tenths of hours)					.82 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0 1.0	0 1.0	0.9	0	0.4	0	0				
Wind direction	S	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	W	N	N	N	W	W	W	NW	NW
Wind movement	6	8	9	10	8	7	7	8	14	15	14	13	13	11	11	11	18	6	2	4	4	4	6	6
Maximum velocities (exceeding 29 miles) direction and time																	30 NW 4:14							

Sunrise: Time, 4:11 Character, Clear
Moonrise: 10:00 a Clear
Sunset: Time, 7:17 Character, Cloudy
Moonset: 11:18 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

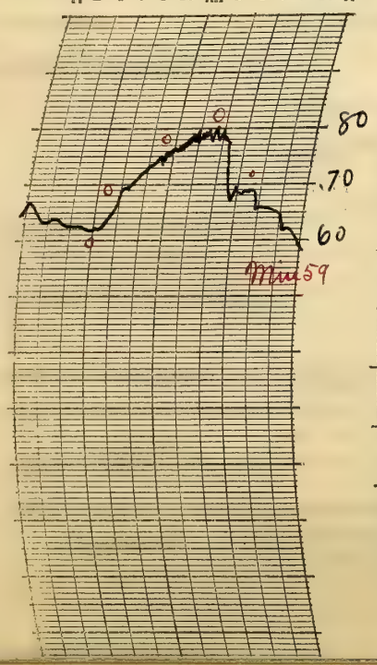
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	81	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 80
Prevailing wind direction, W Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 35
Maximum velocity, 30 Direction, NW
Time began, 4:14
Reduced barometer 29.94 7 a. m. 29.96 7 p. m.
River gage, 1.3 feet
Relative humidity, 83 7 a. m. 59 7 p. m.

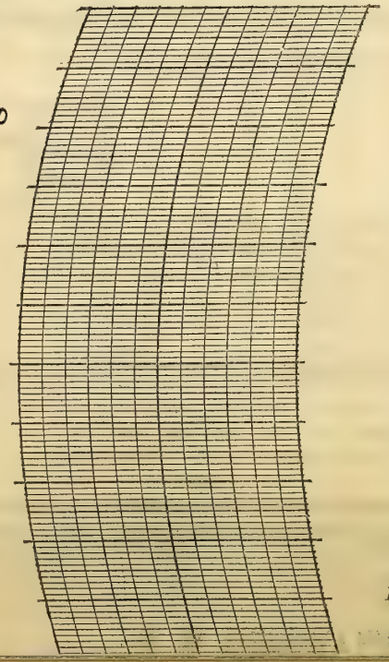
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 58.7
Dew-point, 45 R. humidity, 34 V. pressure, .298
Clouds: Amount, 3; Kind, CU; Direction, NW
Velocity of clouds (miles per hour)

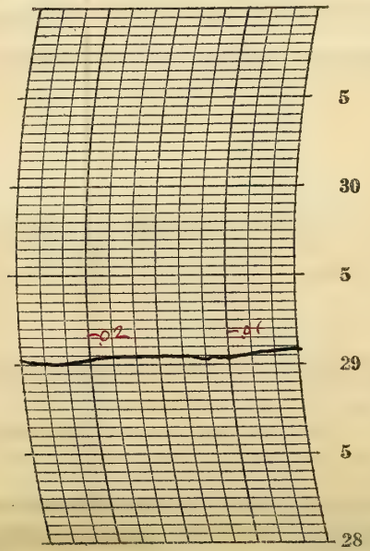
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

P By observation

The sky was mostly clear until late afternoon when the lower clouds increased. Light sprinkles occurred in the late afternoon and evening.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	53	52	51	52	55	57	60	63	66	68	71	73	75	77	76	75	74	73	71	68	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)					.82 0	0.2 0.4	1.0	Ø 1.0	Ø 1.0	1.0	Ø 1.0	1.0	Ø 1.0	1.0	1.0	Ø 1.0	0.4	0.1	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	W	W	W	W	W	SW	NE	NE	NE
Wind movement	4	6	7	5	5	7	8	10	9	8	8	7	9	9	10	9	8	8	4	2	1	8	8	7

Sunrise: Time, 4:11 Character, Clear
Moonrise: 11:01a Clear
Sunset: Time, 7:17 Character, Cloudy
Moonset: 11:46p Cloudy

Clear — Pt cldy — Clear — Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

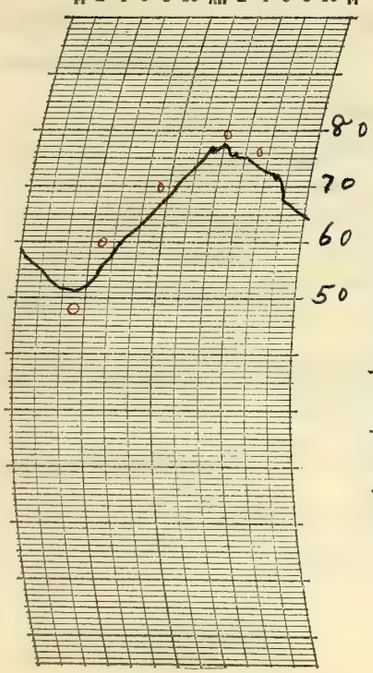
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	51	64	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 79
Prevailing wind direction, W-NW Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 1:20 p.m.
Reduced barometer, 30.05 7 a. m. 30.03 7 p. m.
River gage, 1.3 feet
Relative humidity, 78 7 a. m. 51 7 p. m.

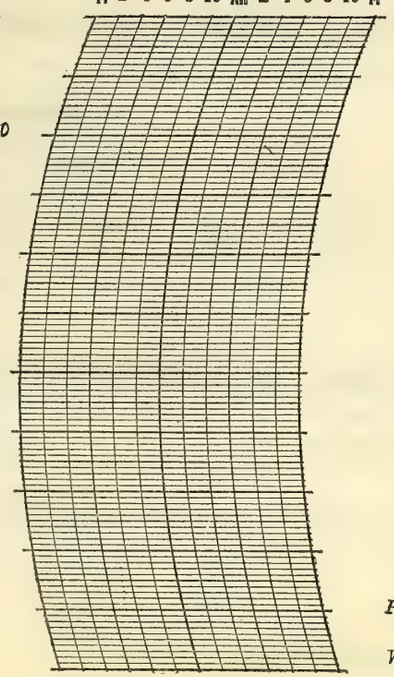
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 54.0
Dew-point, 42 R. humidity, 39 V. pressure, 266
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

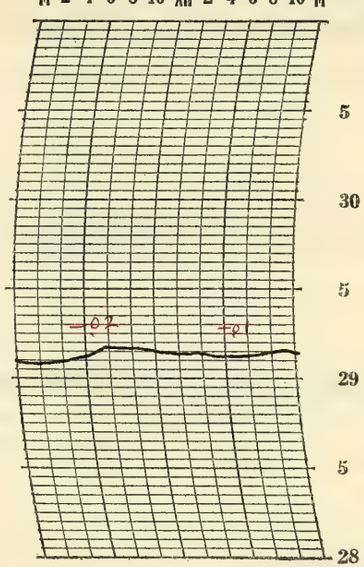
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



NOTES By Observation

The sky was cloudless during most of the forenoon. The clouds increased in the afternoon and it became overcast after nightfall. The weather was very pleasant altho the temperature was somewhat below the normal

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	61	60	61	62	63	67	72	73	71	78	77	79	79	78	78	75	71	67	64	60	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Pt cloudy						×			Clear			→	
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7 0.3	.28 0				
Wind direction	NE	E	NE	NE	E	E	E	E	NE	NE	E	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	N	N
Wind movement	7	5	6	8	6	5	5	7	7	5	5	5	7	9	11	12	13	14	15	11	9	7	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:11 Character, Cloudy
Moonrise: 12:03 p Cloudy
Sunset: Time, 7:17 Character, Clear
Moonset: — —

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

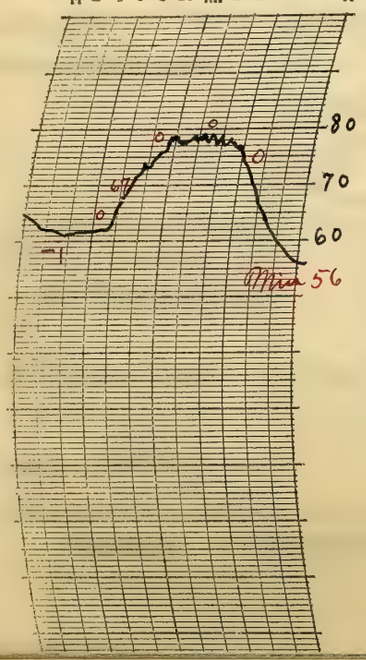
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, 3:43 am 1st Quarter
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, NW Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 5:26 p. m.
Reduced barometer, 30.12 7 a. m. 30.20 7 p. m.
River gage, 1.3 feet
Relative humidity, 60 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 60.0
Dew-point, 48 R. humidity, 34 V. pressure, .334
Clouds: Amount, 3 a St; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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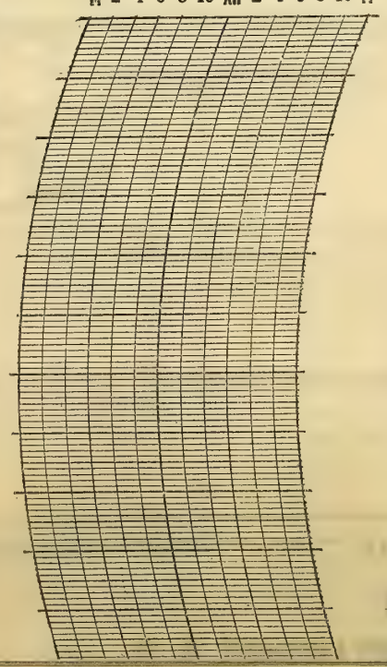
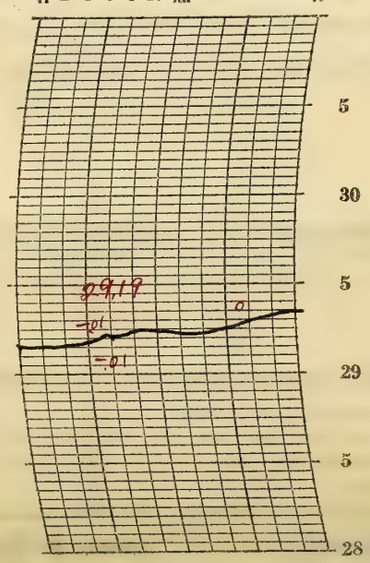


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

It was partly cloudy from early morning but cleared in the late afternoon and the sky was cloudless at night. Pale moonlight.
The weather was very fine with temperatures only slightly below the average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	54	51	53	61	64	67	69	70	73	74	74	74	74	74	74	72	69	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy	X				Pt cloudy						X	Cloudy	X	Pt cldy			→
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.2	0				
Wind direction	N	N	N	NE	N	N	NE	NE	NE	N	NE	N	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	SE
Wind movement	5	4	4	4	5	6	5	8	6	7	9	7	7	7	8	7	7	6	5	4	6	5	5	8

Sunrise: Time, 4:12; Character, Cloudy. Moonrise: 1:07 p Cloudy.

Sunset: Time, 7:17; Character, Cloudy. Moonset: 12:16 a Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

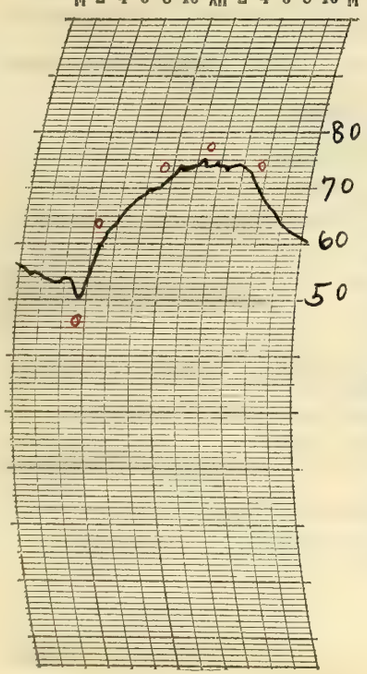
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.8; Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, NE; Total wind, 145
Average hourly velocity, 6.0; Extreme velocity, 12
Maximum velocity, 12; Direction, NE
Time began, 12:56 p. m.
Reduced barometer, 30.36 7 a. m. 30.27 7 p. m.
River gage, 1.4 feet
Relative humidity, 56 7 a. m. 35 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.8; Wet temperature, 56.0
Dew-point, 42; R. humidity, 33; V. pressure, 266
Clouds: Amount, 7; Kind, Cist; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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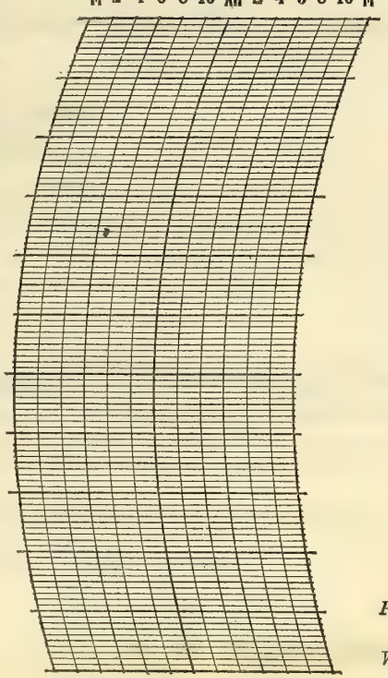
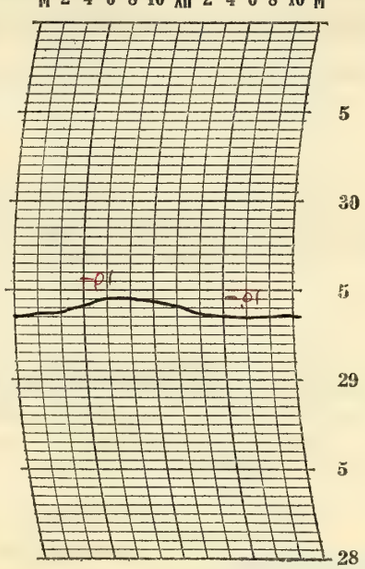


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

By observation

A considerable amount of upper clouds prevailed all day although sunshine was recorded through the clouds most of the time.

Temperatures were below the normal and the lowest temperature of the month was recorded in the early morning.

Solar halo, 22° radius observed 7:20 am to about 10:30 am.

Lunar halo, 22° radius observed 8:30 p. m. and later.

Upper clouds at p. m. observation moving rapidly from the north.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 1 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	55	56	60	67	70	74	76	77	80	82	83	84	83	81	80	77	75	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear							×	Cldy			→		
Sunshine (in tenths of hours)					.80 0	0.6 0.4	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	Ø 1.0	0.4	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	S	S	S	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	5	3	3	3	10	11	11	10	12	13	14	15	17	16	17	13	9	8	8	9	9	11

Sunrise: Time, 4:12 Character, Clear
Moonrise: 2:14p Clear
Sunset: Time, 7:17 Character, Cloudy
Moonset: 12:46a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

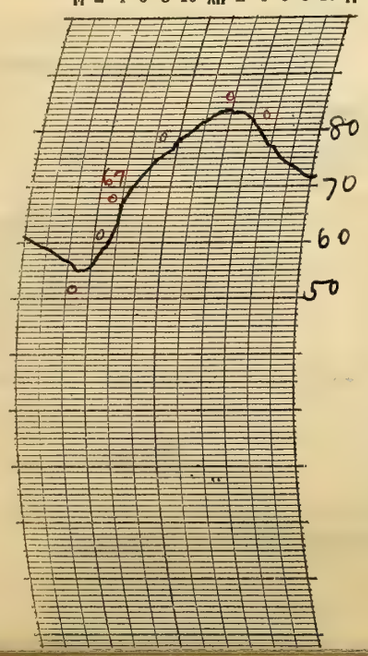
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	55	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind, 244.3
Average hourly velocity, 10.1 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 4:57 p.m.
Reduced barometer, 30.23 7 a. m. 29.93 7 p. m.
River gage, 1.4 feet
Relative humidity, 62 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.8 Wet temperature, 59.5
Dew-point, 47 R. humidity, 35 V. pressure, 3.22
Clouds: Amount, 1; Kind, ACu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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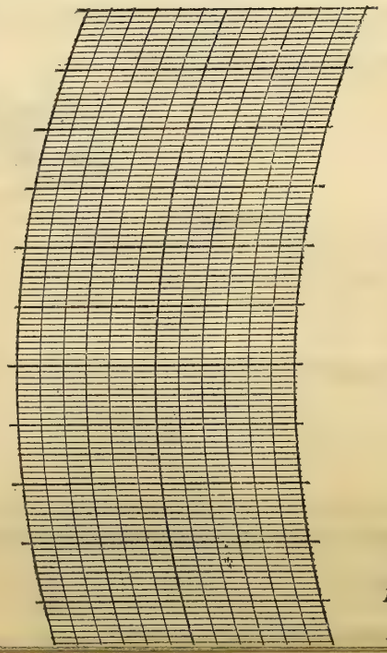
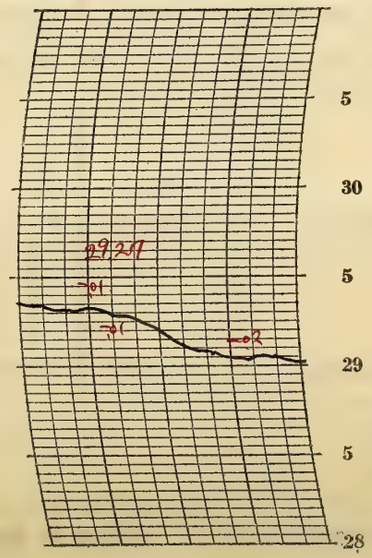


BAROGRAPH.



Prepared by O.E.P.
Transmitted by P. McDonough

NOTES

By observation

A small amount of upper clouds prevailed during the day. The cloudiness increased in the late afternoon and it continued cloudy into the night.

The temperature rose rapidly from early morning and it remained rather warm into the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 2 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	71	70	70	72	74	78	82	86	87	87	89	90	90	92	91	89	85	81	76	73	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear									×	Pt Cloudy					×	Clear				→			
Sunshine (in tenths of hours)					.78 0	.07 0.3	1.0	.5 1.0	.5 1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.07 0.3	.28 0				
Wind direction	SW	SW	SW	SW	SW	W	SW	W	NW	NE	N	NE	N	NE	NE	N	N	NE	E	NE	E	E	E	E
Wind movement	12	15	11	11	6	5	5	5	4	5	6	7	7	7	5	9	8	10	9	9	9	10	7	6

Sunrise: Time, 4:13 Character, Clear
Moonrise: 3:24p Cloudy

Sunset: Time, 7:17 Character, Clear
Moonset: 1:20a Clear?

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

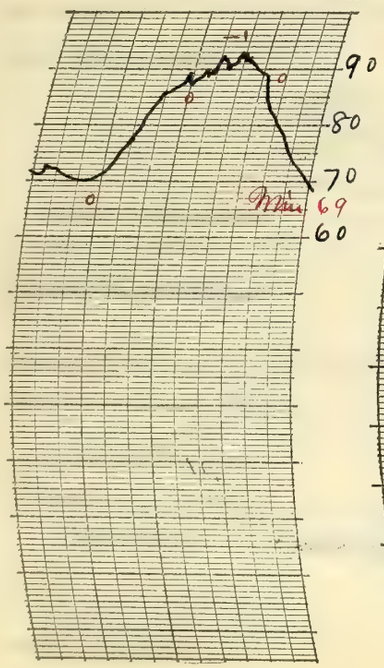
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, NE-SW Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 1:29 am
Reduced barometer, 29.89 7 a. m. 29.87 7 p. m.
River gage, 1.3 feet
Relative humidity, 78 7 a. m. 33 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.0 Wet temperature, 74.4
Dew-point, 69 R. humidity, 56 V. pressure, 707
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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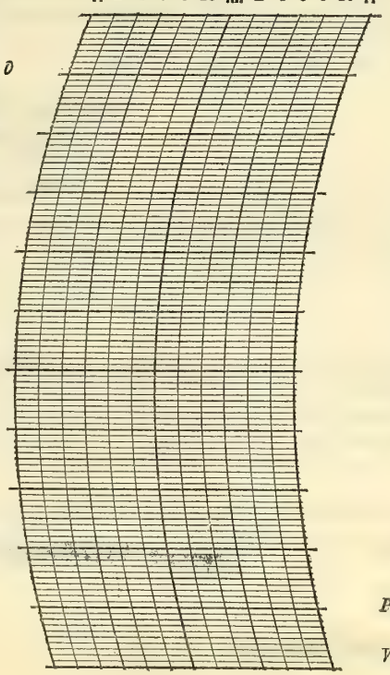
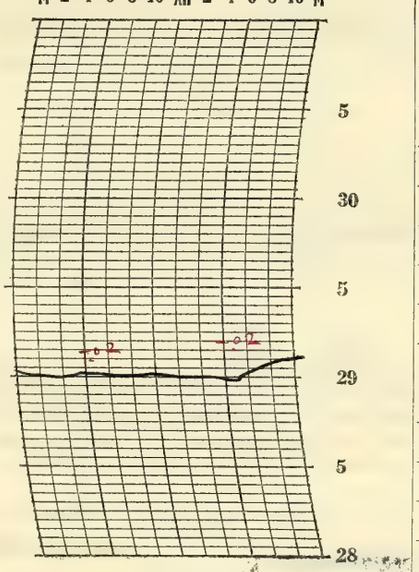


BAROGRAPH.



Prepared by O.E.R.
Verified by P. M. E. Donough

8—496

NOTES

By observation

It was clear during the morning and again in the evening and partly cloudy during the middle of the day. Moonlight at night.
The temperature rose rapidly from early morning and it became hot and sultry during the afternoon. There was a fair freeze from northerly directions in the afternoon and the temperature fell rapidly after 6:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 3 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	66	64	63	66	70	74	77	80	84	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Pt cldy	X			Clear	→
Sunrise: Time, Character,	4:13 Clear											
Moonrise	4:35p Cloudy											
Sunshine (in tenths of hours)					.78 0	0.5 0.5	0.8	0.8	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	SE	E	E	SE	SE
Wind movement	5	4	4	4	5	5	5	5	8	8	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	91	89	80	78	75	76	75	75	74	74	75
State of weather: Nature of precipitation and time of beginning and ending				RB 3:52	- -	RE 5:15						RB 11:25
Amounts of precipitation				T	T	T						.02
Cloudiness and other conditions			X			Cloudy						→
Sunset: Time, Character,									7:17 Cloudy			
Moonset									1:59a Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0	0	0	0				
Wind direction	S	S	S	SW	SW	SW	S	SW	S	S	SW	SW
Wind movement	10	9	9	11	9	12	13	13	10	13	10	14

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	63	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 64
Prevailing wind direction, E Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 11:55 p.m.
Reduced barometer, 29.99 7 a. m. 29.84 7 p. m.
River gage, 1.4 feet
Relative humidity, 66 7 a. m. 63 7 p. m.

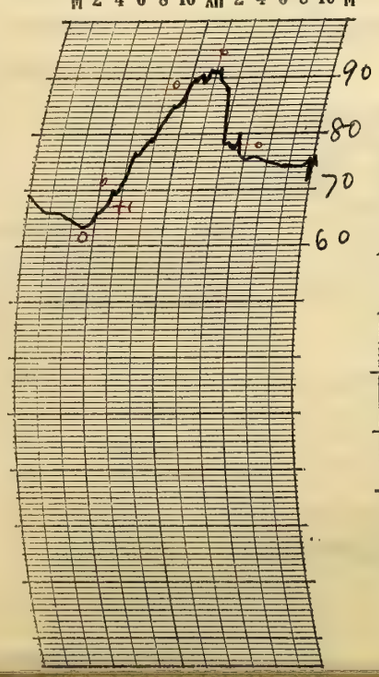
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.0 Wet temperature, 66.0
Dew-point, 54 R. humidity, 32 V. pressure, 417
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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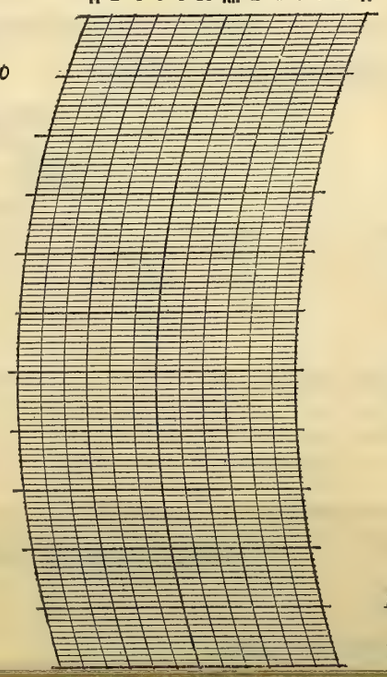
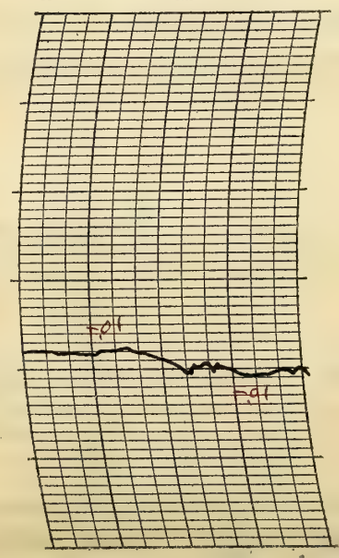


BAROGRAPH.



Prepared by O.E.R.

Verified by P. M. Donough

NOTES

By Observation

The day was partly cloudy and it was very warm in the afternoon until a light shower cooled it off somewhat. A light thunderstorm occurred from 3:30 p.m till 5:15 p.m.

The moon was visible through the clouds during the evening. A second thunderstorm began at 10:55 p.m and continued past midnight.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	69	69	69	71	72	73	73	72	72
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	RE 7:15		RB 9:65	-	RE 11:65
Amounts of precipitation	.06	.07	.08	.14	.09	T	.03	.02		T	.06	.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.4	0	0	0
Wind direction	NW	W	W	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	14	8	5	6	8	10	13	8	5	8	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	77	80	82	80	80	79	78	75	74	73	73
State of weather: Nature of precipitation and time of beginning and ending						RB 5:15	RE 6:10					
Amounts of precipitation						T	T					
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.4	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	SW	W	W	SW	NW	NW	N	NW	S	S	SW	SW
Wind movement	9	6	6	5	7	4	2	3	5	5	5	4

Sunrise: Time, 4:14; Character, Cloudy. Moonrise: 5:45p; Cloudy.

Sunset: Time, 7:16; Character, Cloudy. Moonset: 2:44a; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

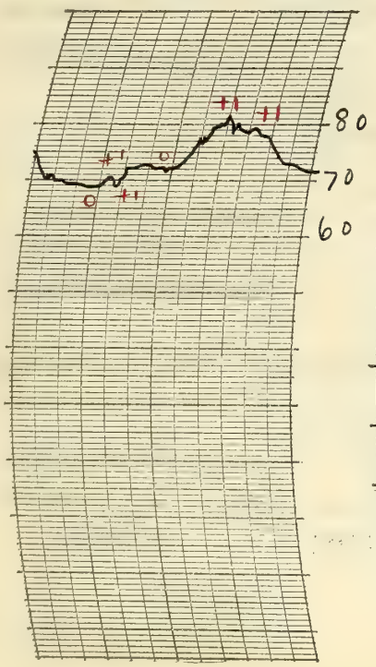
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	69	76	

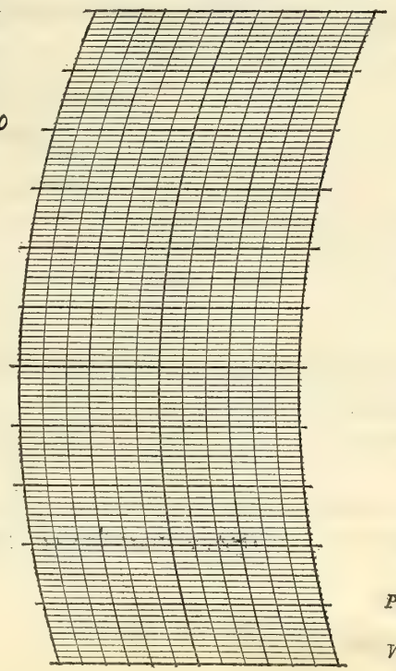
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .46 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .56 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.3. Possible sunshine, hours, 15.0
Per cent of possible sunshine, 29
Prevailing wind direction, SW. Total wind, 159
Average hourly velocity, 6.6. Extreme velocity, 23
Maximum velocity, 21. Direction, S
Time began, 12:02 am.
Reduced barometer, 29.92 7 a. m. 29.89 7 p. m.
River gage, 1.7 feet
Relative humidity, 86 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 72.0. Wet temperature, 70.3
Dew-point, 70. R. humidity, 92. V. pressure, .732
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

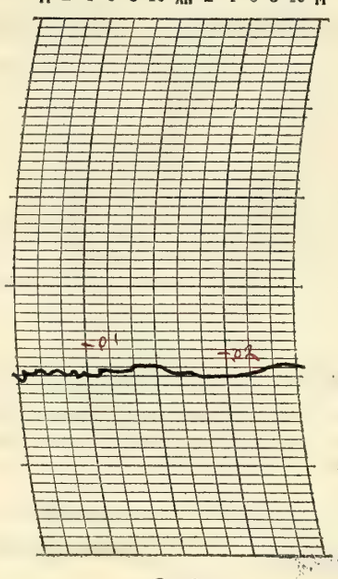
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—86

NOTES

The thunderstorm from the previous date continued till 7:15 a.m. The lightning was quite severe at times. There were several showers of short duration at intervals during the night a.m. and continueing until about noon. A light sprinkle occurred in the afternoon. The sky remained overcast into the night. Moderate temperatures.

The lightning during early morning thunderstorm caused damage to the electrical power lines and to the telephone lines. One fire caused by lightning occasioned considerable loss.

A thunderstorm occured from 10:20 am to 11:55 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 5 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	69	68	69	72	77	79	78	80	82	83	86	87	87	87	87	85	83	82	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<						Clear											>		
Sunshine (in tenths of hours)					7.5 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	2.7 0				
Wind direction	W	NW	NW	W	NW	N	NE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	SE	E	E	SE	SE	SE	SE
Wind movement	4	4	2	2	4	6	4	3	4	7	6	7	6	4	4	5	3	4	4	3	5	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:15 Character, Clear
Moonrise: 6:53 p Clear
Sunset: Time, 7:16 Character, Clear
Moonset: 3:38 a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

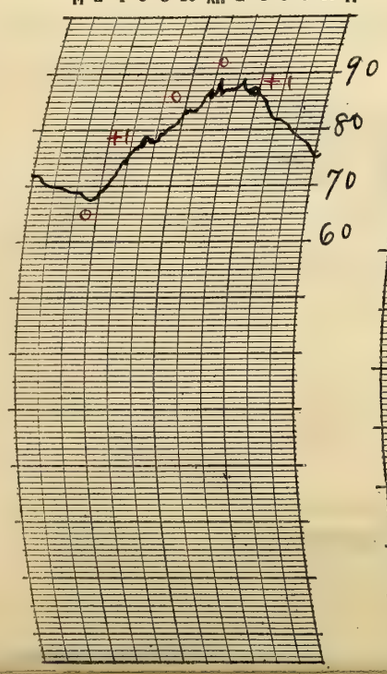
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full-10:54 p.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 9:34 am.
Reduced barometer, 30.05 7 a. m. 29.99 7 p. m.
River gage, 1.7 feet
Relative humidity, 79 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 72.7
Dew-point, 69 R. humidity, 64 V. pressure, 707
Clouds: Amount, 2; Kind, Cu; Direction NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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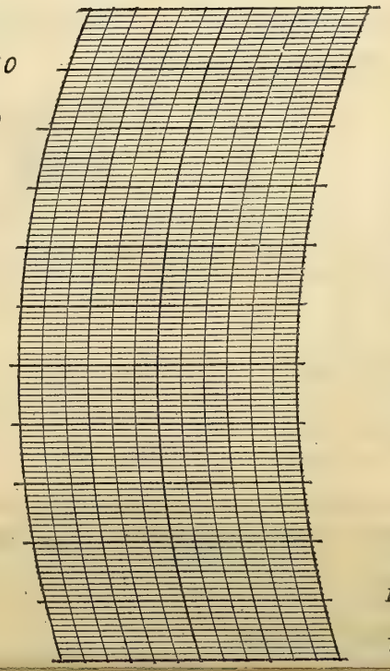
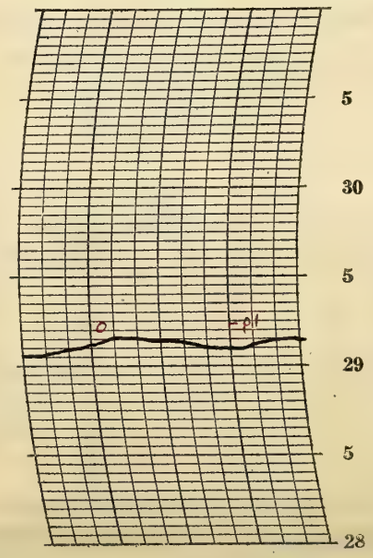


BAROGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

8—486

NOTES

The day was clear and it was rather warm in the afternoon and evening. Moonlight from the full moon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	74	74	77	79	84	87	89	90	91	90	91	92	90	90	88	87	84	82	81	80	75
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:44
Amounts of precipitation																								T
Cloudiness and other conditions					←			Clear				×			Pt cldy	×			Clear					→
Sunshine (in tenths of hours)					75 0	04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	06 0.3	0				
Wind direction	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N
Wind movement	3	5	6	6	7	10	11	12	11	14	15	19	19	20	17	17	18	16	12	12	12	11	9	10

Sunrise: Time, 4:15; Character, Clear. Moonrise: 7:53 p; Clear.

Sunset: Time, 7:16; Character, Cloudy. Moonset: 4:41 a; Clear.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

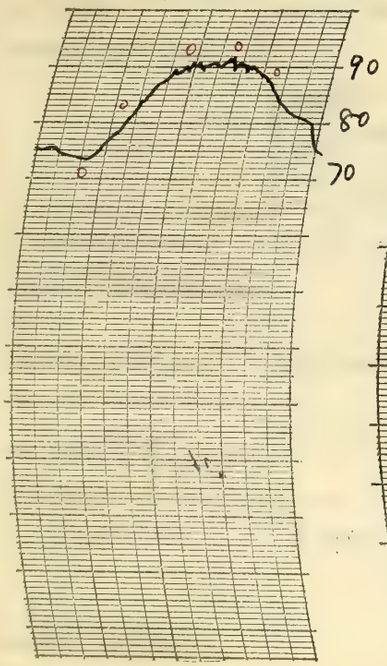
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	73	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 292
Average hourly velocity, 12.2 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 12:26 p.m.
Reduced barometer, 30.02 7 a. m. 29.86 7 p. m.
River gage, 1.8 feet
Relative humidity, 78 7 a. m. 59 7 p. m.

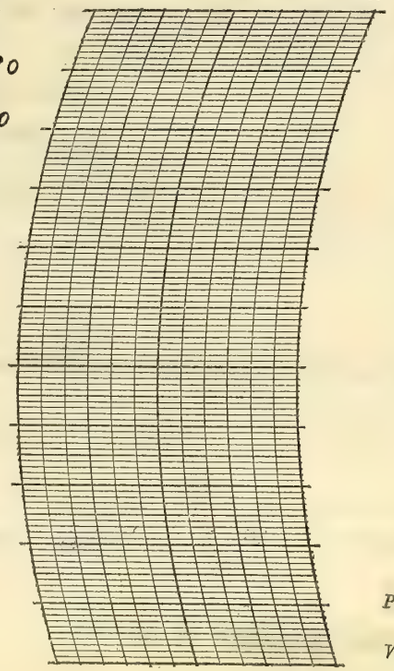
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 91.0 Wet temperature, 75.0
Dew-point, 68 R. humidity, 48 V. pressure, .684
Clouds: Amount, 4 (new); Kind, Cu (Ci St); Direction, NW (SW)
Velocity of clouds (miles per hour)

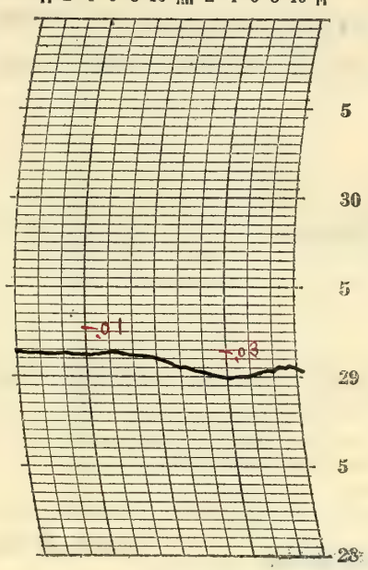
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by T. M. E. Donoghue

8—48

NOTES

Upper and lower clouds prevailed during the greater part of the day altho the sunshine was recorded continuously.

The temperature was above the normal throughout the 24 hours and it became hot and sultry in the afternoon.

A thunderstorm began at 11:24 p. m and continued past midnight. Reflection from the lightning of the approaching storm — from northwest — was visible at 9:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	73	74	74	77	78	78	77	78	80	80	79	80	81	81	80	77	77	76	76	74
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	RE DN																				
Amounts of precipitation	.01	.01	T	T																				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0	0	0.1	0.4	0	0.4	0	0.6	0	0.4	0.3	0.8	0.9	0.2	0				
Wind direction	NE	N	E	SE	NE	SE	SE	E	N	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NE	NE	E
Wind movement	5	8	4	5	4	3	4	2	4	9	10	9	9	8	11	11	10	8	6	5	5	6	6	9

Cloudy — Partly cloudy — Clear

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 8:45p

Sunset: Time, 7:16 Character, Cloudy
Moonset: 5:51a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

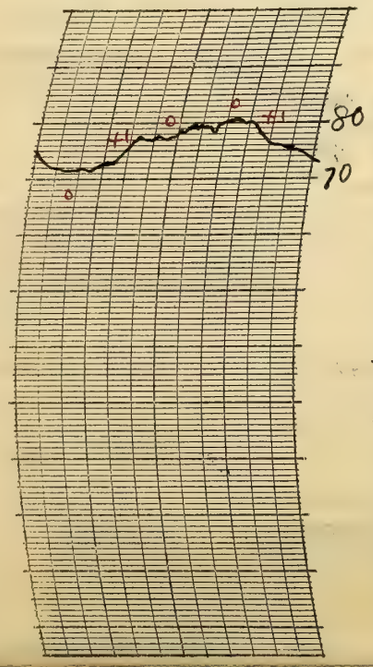
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	72	76	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 27
Prevailing wind direction, NW Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 18
Maximum velocity, 15 Direction, N
Time began, 1:28 am.
Reduced barometer, 29.90 7 a. m. 29.95 7 p. m.
River gage, 1.7 feet
Relative humidity, 88 7 a. m. 72 7 p. m.

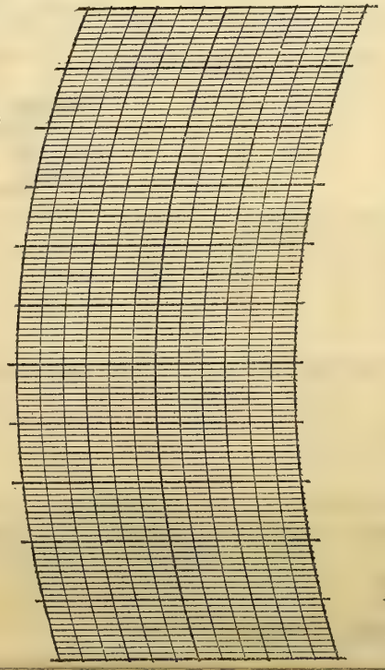
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 72.3
Dew-point, 70 R. humidity, 76 V. pressure, .732
Clouds: Amount, 10; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

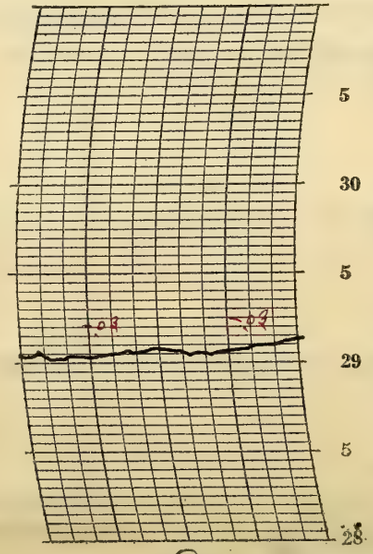
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A thunderstorm with light showers continued from the previous date and ended during the night a.m.

The sky remained mostly overcast until late in the afternoon when it cleared somewhat. Some upper and lower clouds continued into the night.

The temperatures were moderate although it seemed sultry at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	70	69	68	69	72	74	76	77	78	80	82	83	83	82	81	80	77	75	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy		Clear					Pt Cldy					Clear						
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6 0.4	25' 0				
Wind direction	NE	NE	E	NE	E	E	NE	NE	NE	E	NE	NE	E	E	E	NE	NE	NE	NE	E	E	E	E	SE
Wind movement	6	5	7	6	5	6	7	6	7	8	8	8	10	8	8	8	10	7	7	8	8	8	6	6

Sunrise: Time, 4:16; Character, Cloudy. Moonrise: 9:28p Clear.

Sunset: Time, 7:15; Character, Clear. Moonset: 7:04a Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 12.0 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 80

Prevailing wind direction, NE Total wind, 173

Average hourly velocity, 7.2 Extreme velocity, 13

Maximum velocity, 13 Direction, NE

Time began, 3:56 p.m.

Reduced barometer, 30.10 7 a. m. 30.05 7 p. m.

River gage, 3.8 feet

Relative humidity, 82 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

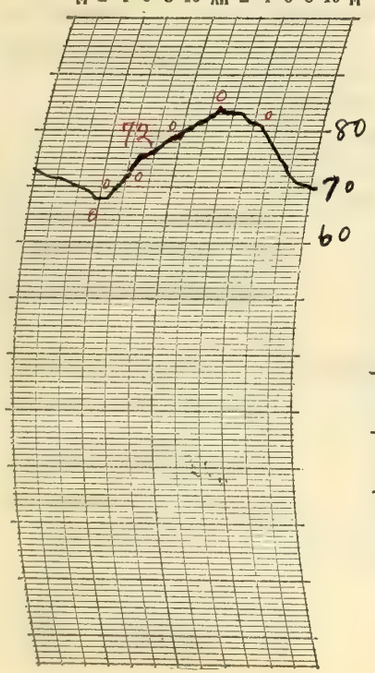
Dry temperature, 78.4 Wet temperature, 70.4

Dew-point, 66 R. humidity, 67 V. pressure, .638

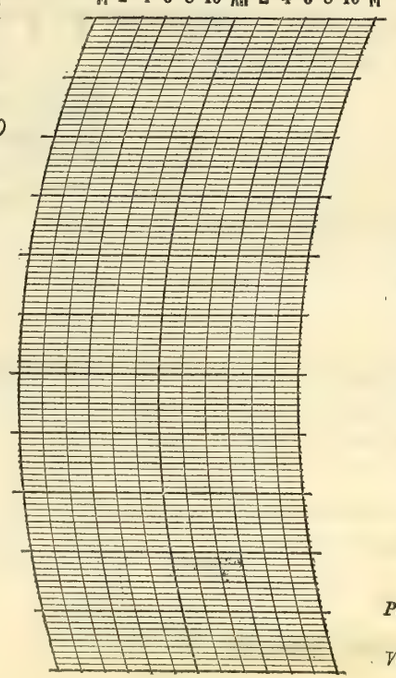
Clouds: Amount, 3; Kind, Ci St Cu; Direction, SW NE

Velocity of clouds (miles per hour)

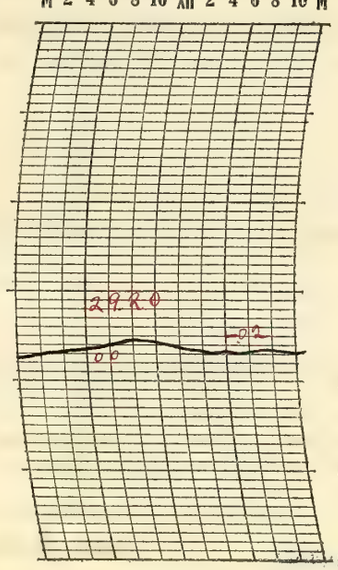
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

The sky was mostly overcast in the early morning and more or less clouds continued during the day. Stars visible at night.

Moderate temperatures

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	65	65	64	65	70	76	81	84	88	90	85	81	79	78	77	78	78	79	77	76	75	75
State of weather: Nature of precipitation and time of beginning and ending															RB 2:10	RE 3:25	RB 4:10 RE 4:40				RB 8:22	-	-	-
Amounts of precipitation															.08	.01	.01				.12	T	T	.02
Cloudiness and other conditions							Pt Cldy						X				Cloudy							
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	SE	S	SW	SW	SW	SW	S	N	SW	W	NW	S	S	S	S	SW	NE	SW
Wind movement	6	5	5	5	5	5	4	4	5	9	10	9	8	8	6	3	9	4	7	4	8	4	4	5

Sunrise: Time, 4:17 Character, Cloudy
Moonrise: 10:07 p Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 8:17 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

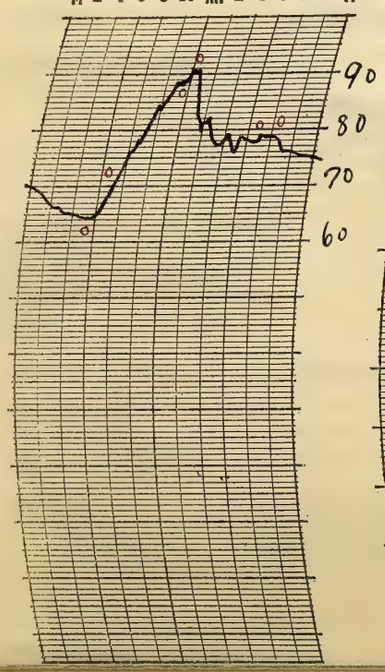
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 43
Prevailing wind direction, SW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 25
Maximum velocity, 22 Direction, W
Time began, 4:28 p.m.
Reduced barometer, 30.03 7 a. m. 29.917 7 p. m.
River gage, 3.1 feet
Relative humidity, 75 7 a. m. 84 7 p. m.

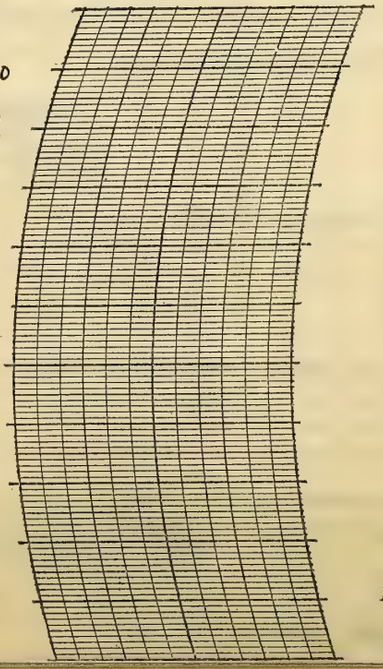
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 89.7 Wet temperature, 79.5
Dew-point, 76 R. humidity, 64 V. pressure, .896
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

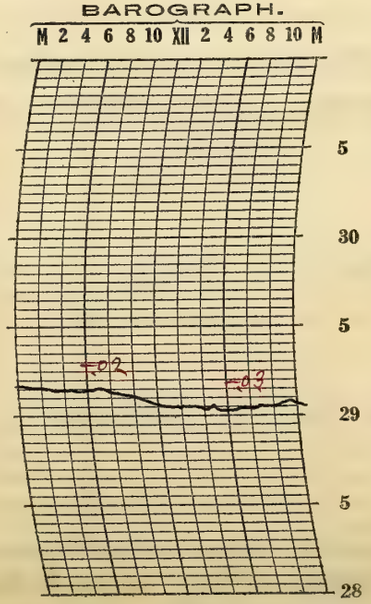
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

The sky was partly overcast during the forenoon and mostly cloudy during the afternoon and night. Showers occurred in the afternoon and again in the night the last shower continuing past midnight. The temperature rose rapidly from early morning and it became very hot about noon but it was more moderate in the afternoon. Rather sultry all day. A thunderstorm began 2:10 p.m. and ended 4:40 p.m. A second thunderstorm began 8:22 pm. and continued past midnight.

Solar halo, 22° radius, observed 6:15 am till about 7:00 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 10 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	73	72	72	73	74	75	78	80	82
State of weather: Nature of precipitation and time of beginning and ending	RE DR											
Amounts of precipitation	T											
Cloudiness and other conditions					←		Cloudy					×
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	0.8
Wind direction	S	E	E	E	SE	S	S	NE	NE	NE	NE	E
Wind movement	3	1	2	2	2	2	2	4	4	5	5	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	86	86	85	85	84	81	79	78	77	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt cloudy				×		Clear			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	1.0	0.2 .98	0 .25				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	3	6	8	7	7	6	5	3	1	1	2	4

Sunrise: Time, 4:18 Character, Cloudy
Moonrise: 10:40p Clear
Sunset: Time, 7:15 Character, Clear
Moonset: 9:27a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

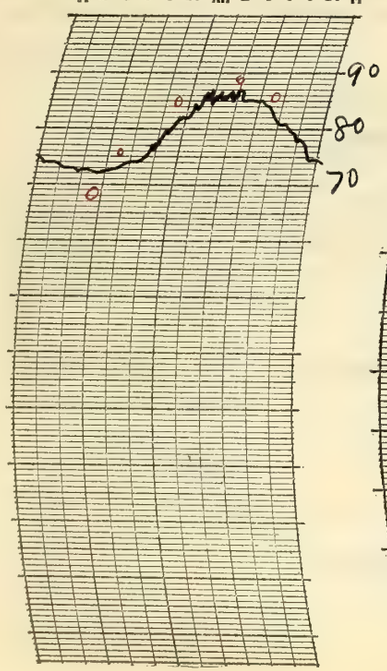
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	72	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 68
Prevailing wind direction, N Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 9
Maximum velocity, 9 Direction, N
Time began, 2:42 p.m.
Reduced barometer, 29.97 7 a. m. 29.91 7 p. m.
River gage, 2.7 feet
Relative humidity, 92 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 74.0
Dew-point, 71 R. humidity, 69 V. pressure, .757
Clouds: Amount, 7; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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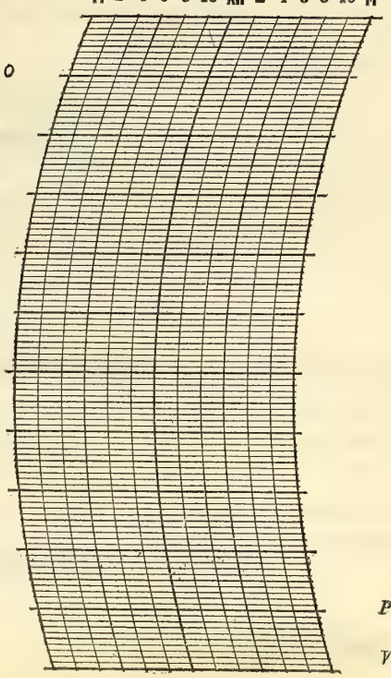
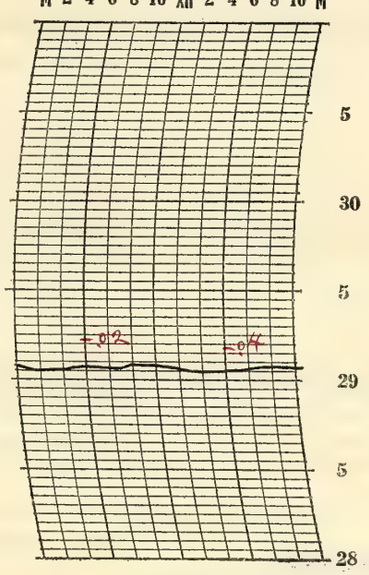


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The forenoon was mostly cloudy and the afternoon partly cloudy with a small amount of lower clouds continuing into the night. There was considerable sunshine through the clouds.

The weather was hot and very sultry.

One heat prostration reported in the city.

The thunderstorm continued from 9th ended 0.N. a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 11 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	68	72	77	80	82	84	87	87	89	91	92	93	91	89	87	72	71	72	73	72
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:18	RE 8:10			
Amounts of precipitation																				.05	T			
Cloudiness and other conditions						←				Clear							×			Cloudy				→
Sunrise: Time, Character, 4:18 Clear																					Sunset: Time, Character, 7:14 Cloudy			
Moonrise: 11:11p Cloudy																					Moonset: 10:36a Cloudy			
Sunshine (in tenths of hours)					.70 0	0.5 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0				
Wind direction	N	N	N	SW	W	W	W	SW	W	W	W	SW	SW	SW	SW	SW	W	SW	SW	NE	NE	S	SW	SW
Wind movement	4	3	3	1	2	1	2	4	7	9	9	13	13	12	13	13	13	6	8	10	10	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 22
Maximum velocity, 19 Direction, NE
Time began, 7:21 p.m.
Reduced barometer, 29.97 7 a. m. 29.84 7 p. m.
River gage, 3.7 feet
Relative humidity, 63 7 a. m. 60 7 p. m.

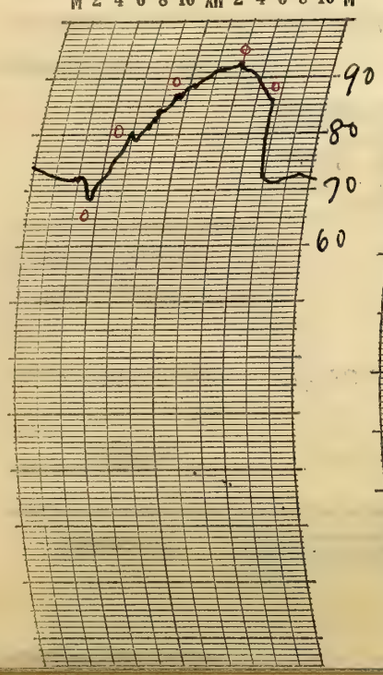
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

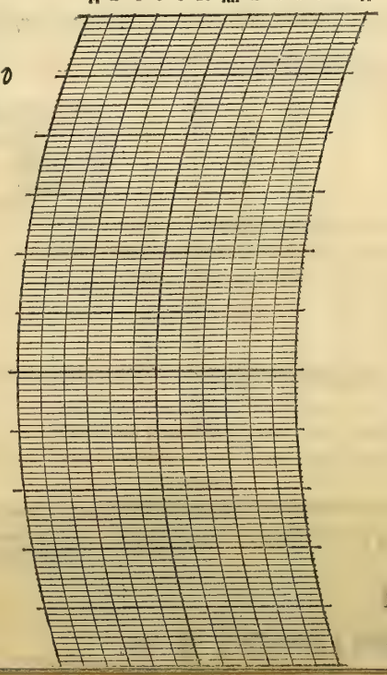
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 87.3 Wet temperature, 73.5
Dew-point, 68 R. humidity, 52 V. pressure, .684
Clouds: Amount, few; Kind, Cu St Cu; Direction, NW W
Velocity of clouds (miles per hour)

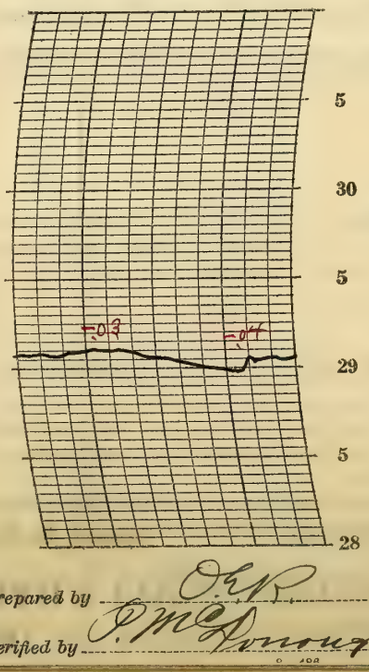
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.R.
Verified by P. McDonough

NOTES

The sky was mostly clear until late in the afternoon when it became cloudy. A thunderstorm began at 7:00 p.m. and continued past 10:00 p.m. Only a small shower fell altho there was considerable thunder and almost incessant lightning at times in the distance.

The weather was hot and sultry. About 7:00 p.m. the temperature dropped several degrees at the approach of the thunderstorm and this furnished considerable relief.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	70	70	71	74	77	80	83	87	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt cloudy					
Sunshine (in tenths of hours)					0	0.2	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	6	5	5	8	6	7	8	7	6	7	7	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	69	72	72	73	72	72	71	70	70	69	69
State of weather: Nature of precipitation and time of beginning and ending	RB 12:34	RE 1:10			RB 4:30 RE 4:55		RB 6:00 RE 6:25					
Amounts of precipitation	.52	.05			.02		.03					
Cloudiness and other conditions			Cloudy					Pt cldy				
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NW	W	SW	SW	NE	N	N	N	NW	W	NW	NE
Wind movement	16	5	5	4	5	5	4	3	3	5	4	5
Maximum velocities (exceeding 29 miles) direction and time	42 NW 12:47											

Sunrise: Time, 4:19; Character, Cloudy
Moonrise: 11:42 p; Character, Clear ?
Sunset: Time, 7:14; Character, Cloudy
Moonset: 11:41 a; Character, Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	66	78	

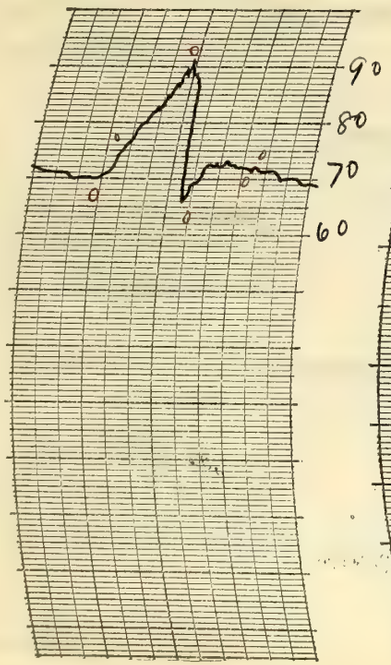
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .62 ins.
Total precipitation, midnight to midnight, .62 inches.
Character of day, Pt Cloudy; Moon phase, Last Quarter 3:34 p.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.9; Possible sunshine, hours, 14.9
Per cent of possible sunshine, 40
Prevailing wind direction, SW-W; Total wind, 143
Average hourly velocity, 6.0; Extreme velocity, 44
Maximum velocity, 42; Direction, NW
Time began, 12:47 p.m.
Reduced barometer, 29.99 7 a. m., 29.96 7 p. m.
River gage, 3.1 feet
Relative humidity, 85 7 a. m., 85 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	12:34 p	1:10 p	0.57	12:44 p	1:04 p	.02	.09	.20	.45	.54										

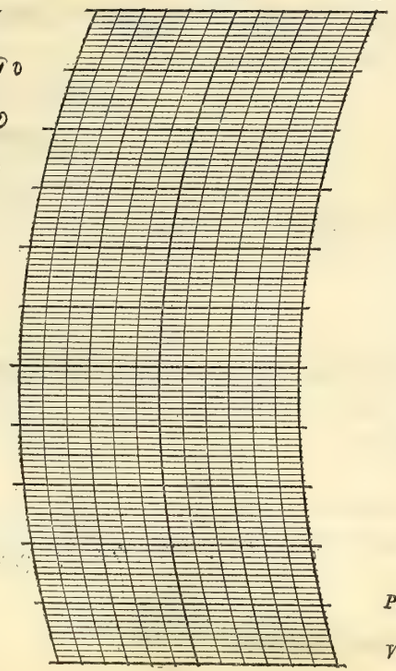
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 89.3; Wet temperature, 76.0
Dew-point, 71; R. humidity, 55; V. pressure, .757
Clouds: Amount, 5; Kind, a St Cu; Direction, NW NW
Velocity of clouds (miles per hour)

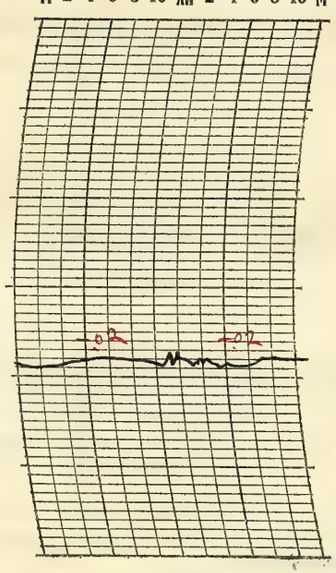
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McGonigle

8—486

NOTES

Solar halo, 22° radius, observed 6:12 a.m. till about 9:00 a.m. It was dim at first but became distinct about 8 a.m.

The sky was partly overcast in the forenoon. A thunderstorm approached rapidly from the northwest and was accompanied by heavy rainfall and high wind. It lasted from 12:25 p.m. till 1:20 p.m. A second thunderstorm began 3:55 p.m. and ended at 6:25 p.m.

The temperature rose rapidly in the forenoon and dropped suddenly several degrees in a few minutes at the beginning of the first thunderstorm.

The wind and lightning did some damage to trees and to electric light and power lines.

Small portion of a rainbow was visible at 6:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 13 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	66	64	64	64	67	68	71	74	77	77	78	79	81	80	80	78	77	76	72	70	69	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<		Clear				X	Pt cldy	X				Clear				X		
Sunshine (in tenths of hours)					0.67 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	2.2 0				
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	N	NE	N	NE	NE	E	E	SE	SE	SE	S
Wind movement	7	7	7	6	6	6	6	7	9	7	8	10	9	7	8	11	10	9	6	6	4	5	7	5

Sunrise: Time, 4:20 Character, Clear
Moonrise: — —
Sunset: Time, 7:13 Character, Clear
Moonset: 12:45 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

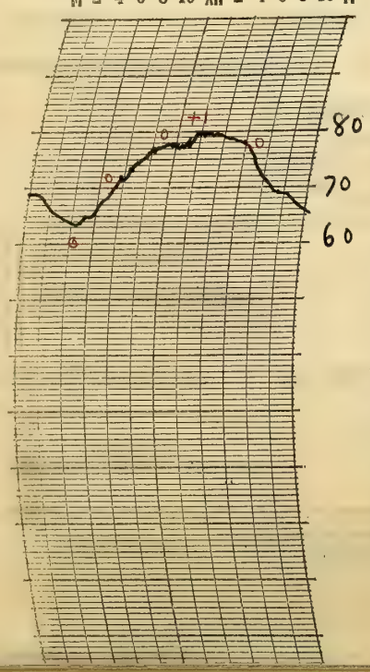
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 173
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 3:55 p. m.
Reduced barometer, 30.01 7 a. m. 29.96 7 p. m.
River gage, 6.8 feet
Relative humidity, 78 7 a. m. 59 7 p. m.

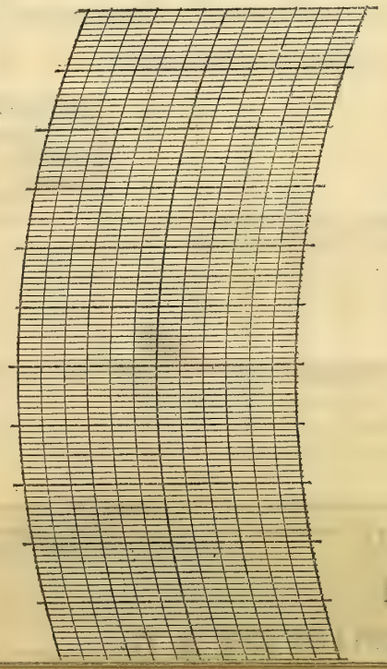
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.3 Wet temperature, 67.3
Dew-point, 61 R. humidity, 57 V. pressure, 536
Clouds: Amount, 3; Kind, Ac cu; Direction, NW NE
Velocity of clouds (miles per hour)

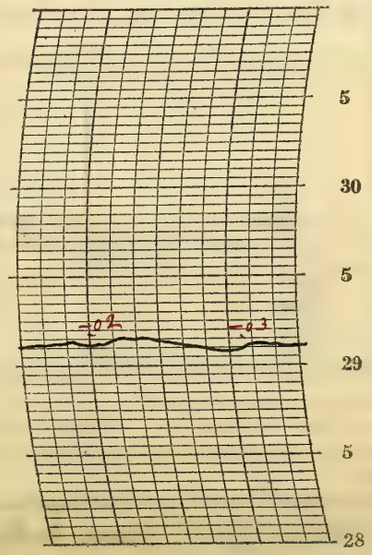
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES

The sky was mostly clear except for a short while during the middle of the day when it was partly cloudy. It was cloudless at night and the stars were very bright.
The weather was very pleasant with temperatures about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	63	61	61	66	70	72	74	76	77	78	82	80	79	78	78	77	76	75	73	73	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Pt cloudy			X				Cldy		X	Clear		
Sunrise: Time, Character	4:21 Clear																							
Moonrise	12:11 a Clear																							
Sunset: Time, Character																					7:13 Cloudy			
Moonset																					1:47 p Cloudy			
Sunshine (in tenths of hours)					0 (.65)	0.7 (0.3)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0	0				
Wind direction	SW	S	S	S	SE	SE	S	S	S	SE	SE	SE	S	S	SW	SW	S	SW	SW	SW	NE	NE	O	NE
Wind movement	4	3	1	2	1	1	1	5	6	6	6	5	5	7	5	5	5	2	2	1	3	2	0	1
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	✓

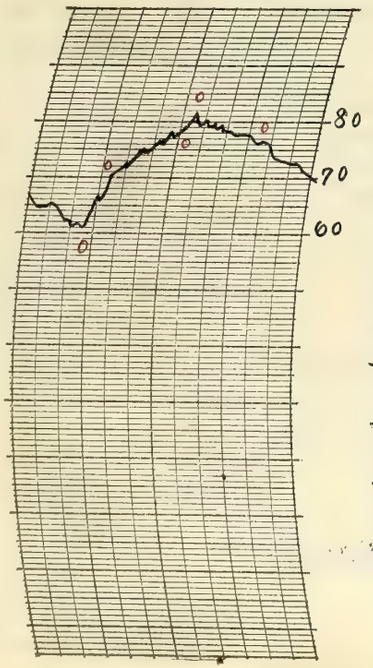
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 67
Prevailing wind direction, S Total wind, 79
Average hourly velocity, 3.3 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 1:36 p.m.
Reduced barometer, 29.96 7 a. m. 29.907 p. m.
River gage, 4.8 feet
Relative humidity, 66 7 a. m. 61 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

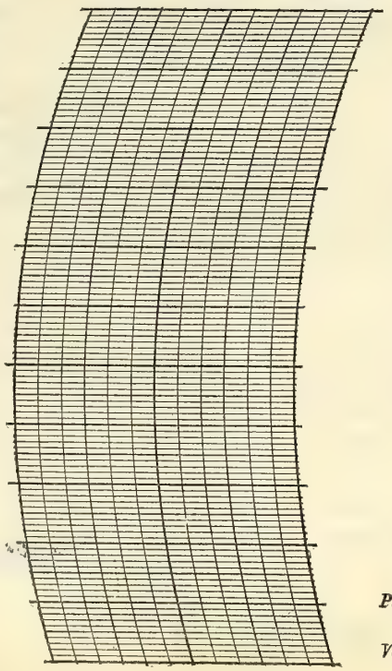
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 65.5
Dew-point, 59 R. humidity, 51 V. pressure, 499
Clouds: Amount, 9; Kind, ast St; Direction, NW S
Velocity of clouds (miles per hour)

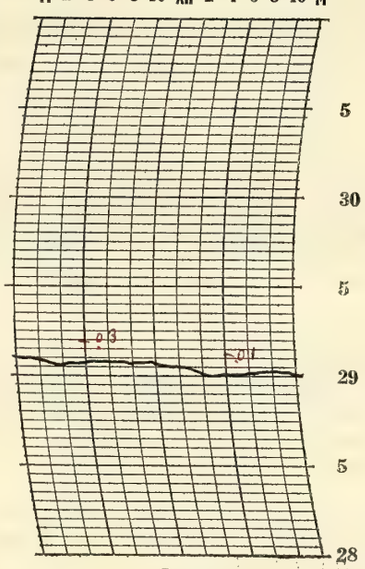
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. A. R.

Verified by P. McDonough

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NOTES

The upper clouds increased from the early morning and it became entirely overcast in the late afternoon. The sky cleared in a short while after 7:00 p.m. Stars visible.

Moderate temperatures.

Solar halo, 22° radius, observed 8:15 am till about 1:00 p.m. The complete circle was visible most of the time

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 15 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	66	67	67	67	74	79	83	85	87	90	88	88	87	86	85	82	80	78	77	76
State of weather: Nature of precipitation and time of beginning and ending							RB 6:52	RE 7:30																
Amounts of precipitation							T	.02																
Cloudiness and other conditions							Cloudy				Cloudy				Cloudy				Clear	Pt Cldy		Clear		
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.7	1.0	1.0	1.0	0.9	0.5	0.6	0.4	0	0	0				
Wind direction	NE	E	S	S	S	S	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	1	2	4	6	5	6	8	8	9	11	13	10	10	9	7	11	10	7	4	4	6	7	10	10

Sunrise: Time, 4:21; Character, Cloudy. Moonrise: 12:42a Cloudy?

Sunset: Time, 7:12; Character, Cloudy. Moonset: 2:47p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 47

Prevailing wind direction, SW Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 16

Maximum velocity, 15 Direction, SW

Time began, 10:54 am

Reduced barometer, 29.90 7 a. m. 29.79 7 p. m.

River gage, 3.4 feet

Relative humidity, 78 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

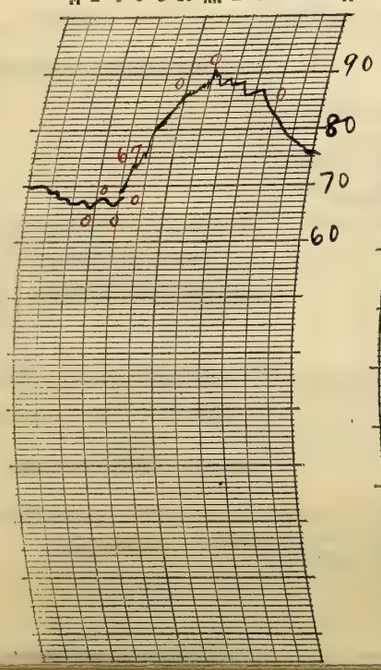
Dry temperature, 85.0 Wet temperature, 73.2

Dew-point, 68 R. humidity, 57 V. pressure, 684

Clouds: Amount, Few; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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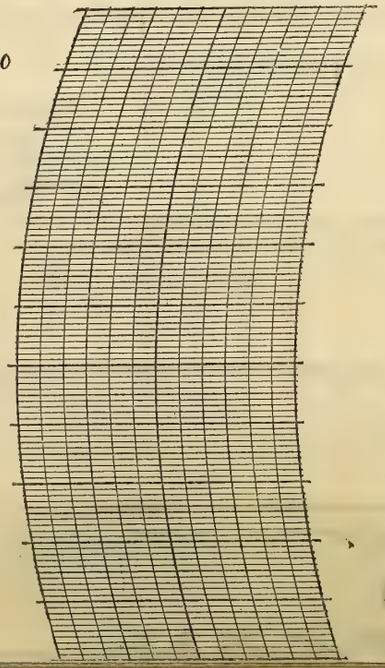
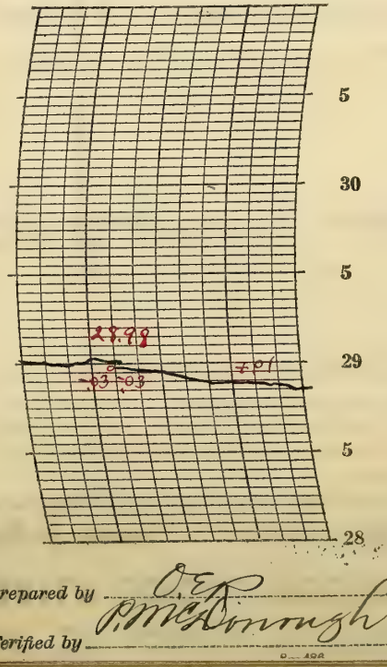


BAROGRAPH.



Prepared by O. E.

Verified by P. McDonough

NOTES

The day was partly cloudy with a light shower in the morning and other showers threatened in the afternoon. The sky was clear late at night. The temperature rose rapidly from early morning and it became hot in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	77	77	74	73	72	76	77	78	77
Nature of precipitation and time of beginning and ending					RB DN		RE 6:15 RB 6:50	RE 7:10				
Amounts of precipitation					T	.14	T	.24				
Cloudiness and other conditions					Cloudy				Clear			
Sunshine (in tenths of hours)					0	0	0	0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW
Wind movement	13	10	11	12	12	6	7	10	14	19	19	19

Sunrise: Time, 4:22; Character, Cloudy. Moonrise: 1:16a, Cloudy?

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	74	74	73	71	68	66	64	63	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt. cloudy						Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.9	0.9	0.7 0.3	1.8 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	21	20	20	21	20	20	15	10	8	8	7	7

Sunset: Time, 7:11; Character, Clear. Moonset: 3:45p, Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	61	70	

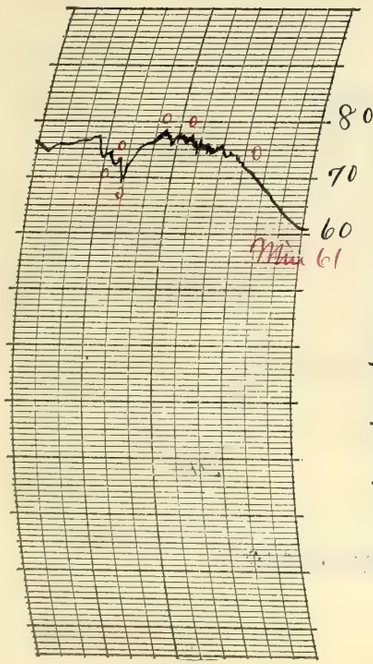
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 73
Prevailing wind direction, NW Total wind, 329
Average hourly velocity, 13.7 Extreme velocity, 27
Maximum velocity, 25 Direction, NW
Time began, 1:26 p.m.
Reduced barometer, 29.67 7a.m. 29.84 7p.m.
River gage, 2.9 feet
Relative humidity, 85 7a.m. 67 7p.m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

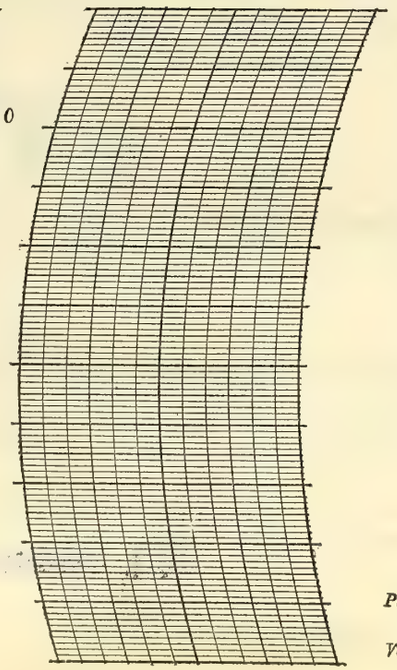
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 76.7 Wet temperature, 64.2
Dew-point, 57 R. humidity, 51 V. pressure, .465
Clouds: Amount, 4; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

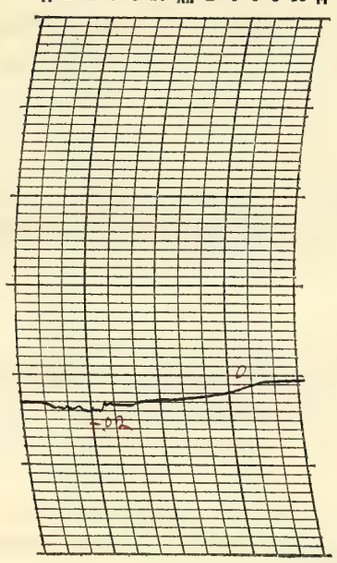
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.R.

Verified by P. McDonough

8—486

NOTES

A thunderstorm began at 4:56 am and ended 7:10 am. Two moderate showers occurred during the storm. There was more or less cloudiness during the day with clearing in the late afternoon. The sky was cloudless at night and the stars were brilliant. Moderate temperatures. Strong northwest wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 17 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	59	59	60	60	62	66	68	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy			Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	N	NE	NW	N	NW	NW	N
Wind movement	6	4	5	4	5	5	5	5	5	8	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	73	74	73	72	69	66	63	62	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.8 0				
Wind direction	N	N	N	NW	N	N	N	N	NW	NW	NW	N
Wind movement	11	10	9	11	10	8	5	5	8	7	6	4

Sunrise: Time, 4:23; Character, Cloudy

Moonrise: 1:52a; Character, Cloudy ?

Sunset: Time, 7:11; Character, Clear

Moonset: 4:41p; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.8; Possible sunshine, hours, 14.8

Per cent of possible sunshine, 73

Prevailing wind direction, N; Total wind, 168

Average hourly velocity, 7.0; Extreme velocity, 17

Maximum velocity, 15; Direction, NW

Time began, 11:38 a.m.

Reduced barometer, 29.967 a. m., 30.007 p. m.

River gage, 2.6 feet

Relative humidity, 82 7 a. m., 49 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

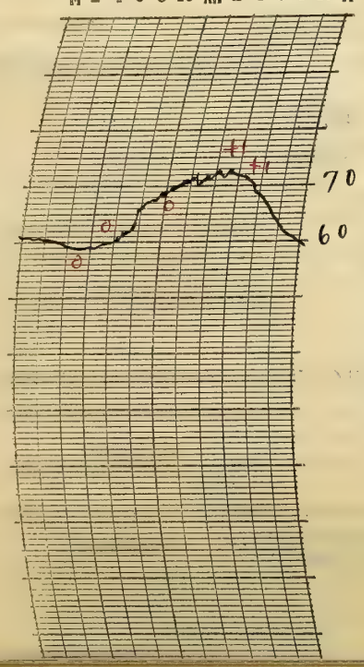
Dry temperature, 68.1; Wet temperature, 55.4

Dew-point, 45; R. humidity, 44; V. pressure, .298

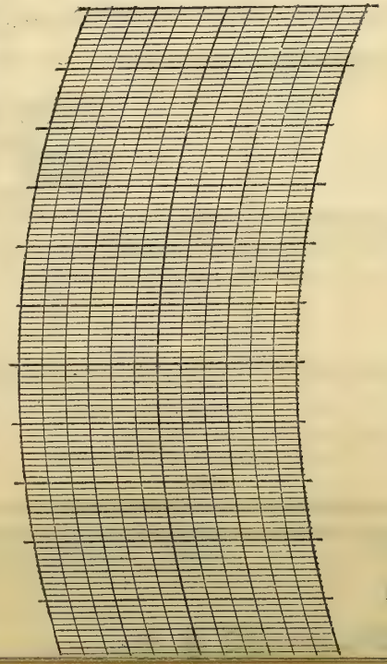
Clouds: Amount, 2; Kind, Stcu; Direction, NW

Velocity of clouds (miles per hour)

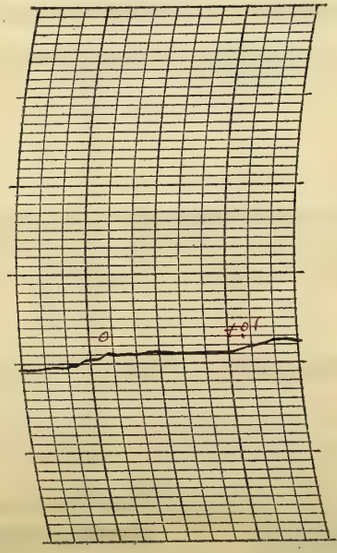
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.E.P.

Verified by J. McKonough

NOTES

It was cloudy in the early morning but the cloudiness decreased and after 10:30 am it was mostly clear. The stars were bright at night. The temperatures were somewhat below the normal but the weather was fine.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 18 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	56	55	60	64	69	72	72	74	74	76	77	79	76	77	77	75	72	70	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear					×	Pt cldy						×		Clear			
Sunrise: Time, Character, 4:24 Clear																								
Moonrise: 2:33a Clear																								
Sunset: Time, Character, 7:10 Cloudy																								
Moonset: 5:34p Cloudy																								
Sunshine (in tenths of hours)					.60 0	0.4 0.6	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.5	1.0	0.1	0				
Wind direction	N	N	NE	N	N	N	SE	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	4	4	3	1	1	3	4	4	6	7	6	6	8	6	9	7	7	5	3	1	1	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

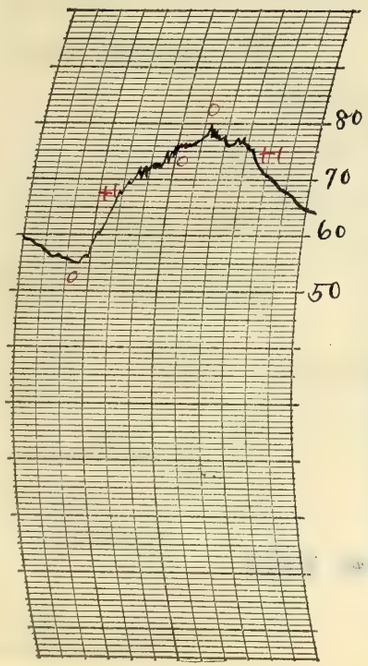
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 103
Average hourly velocity, 4.3 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 11:11 a.m.
Reduced barometer 30.10 7 a. m. 30.05 7 p. m.
River gage, 2.2 feet
Relative humidity, 62 7 a. m. 44 7 p. m.

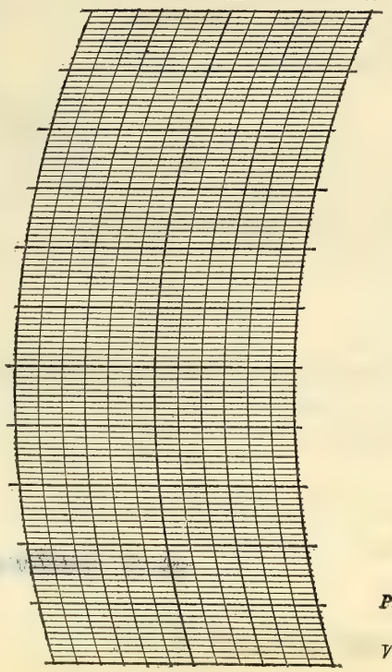
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 61.4
Dew-point, 54 R. humidity, 48 V. pressure, .417
Clouds: Amount, 3; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

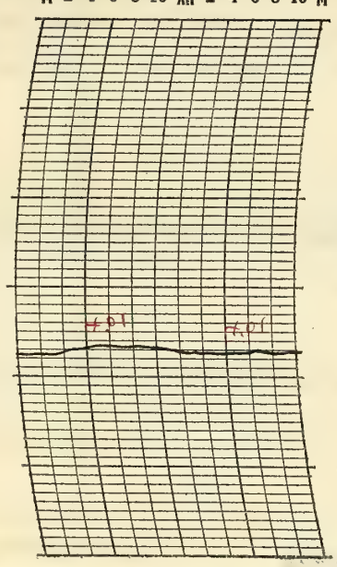
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was mostly clear during the forenoon, partly cloudy in the afternoon and clear again at night. Stars visible.
Fine weather with temperatures below the normal.

Solar halo, 22° radius, observed 12:58 p.m. till about 2:00 p.m.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 19 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	63	63	62	66	68	74	77	79	79	81	82	82	82	80	79	78	76	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt cldy		X			Clear					X	Pt cldy	X	Cldy		X	Pt cldy	→
Sunshine (in tenths of hours)					0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0				
Wind direction	0	0	SW	0	SW	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S
Wind movement	0	0	1	0	2	2	7	7	9	10	10	11	12	13	11	12	11	10	7	9	9	8	7	7

Sunrise: Time, 4:25 Character, Cloudy
Moonrise: 3:19a Cloudy?
Sunset: Time, 7:09 Character, Cloudy
Moonset: 6:22p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

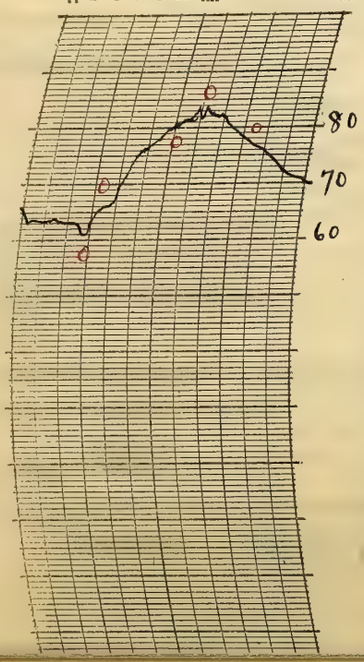
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.3 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 1:44 p.m.
Reduced barometer, 30.04 7 a. m. 29.93 7 p. m.
River gage, 0.1 feet
Relative humidity, 62 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 61.7
Dew-point, 50 R. humidity, 36 V. pressure, .360
Clouds: Amount, Few; Kind, Cu St Cu; Direction, NW SS
Velocity of clouds (miles per hour)

THERMOGRAPH



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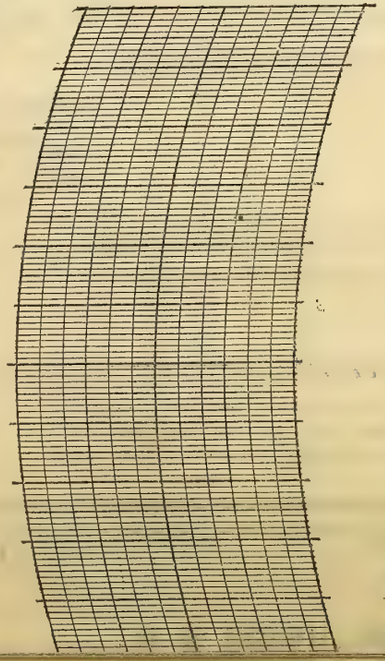
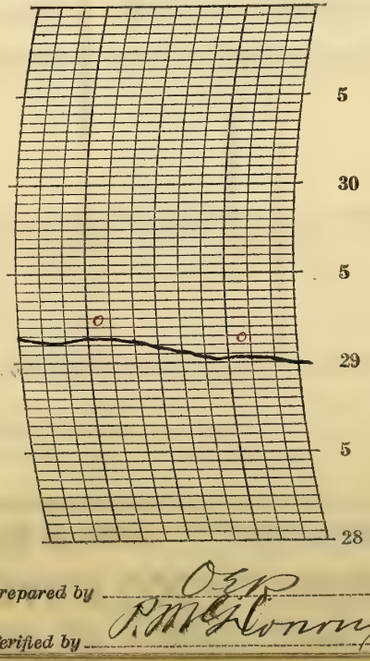


BAROGRAPH.



Prepared by O.E.P.
Verified by P.M.G. Connaughton

NOTES

The clouds decreased from early morning and then increased during the afternoon. It was overcast at the p.m. observation but the clouds again decreased and the brighter stars were visible at night.

Fine weather with moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 20 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	68	68	69	64	63	69	74	78
Nature of precipitation and time of beginning and ending							RB 6:50	RE 7:20	RB 8:10 RE 8:50			
Amounts of precipitation							T	.03	.13			
Cloudiness and other conditions							Cloudy				Pcldy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	79	77	77	77	75	74	72	71	70	69
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						

Sunrise: Time, 4:26 Character, Cloudy
Moonrise: 4:09a Cloudy
Sunset: Time, 7:09 Character, Cloudy
Moonset: 7:06p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	1.0	1.0
Wind direction	S	S	S	S	S	S	S	E	SE	SE	S	S
Wind movement	9	8	7	7	10	10	11	10	7	8	9	8

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	0.7	0	0	0	0	0	0				
Wind direction	S	S	S	S	S	SW	SW	SW	S	S	S	SW
Wind movement	13	15	13	14	11	8	11	9	12	14	11	9

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

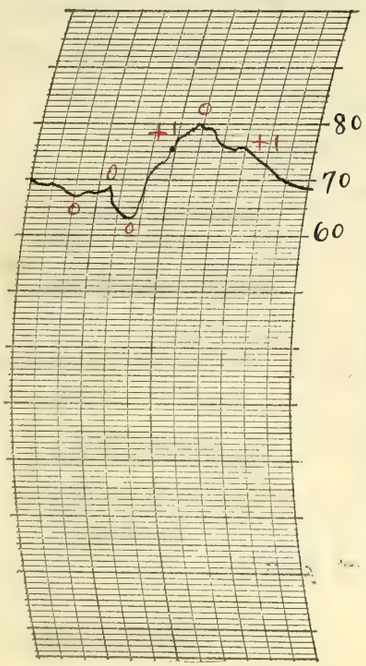
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase, New - 3:40 p m
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.2 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 29
Prevailing wind direction, S Total wind, 244
Average hourly velocity, 10.2 Extreme velocity, 22
Maximum velocity, 21 Direction, S
Time began, 3:26 p m
Reduced barometer, 29.85 7 a. m. 29.81 7 p. m.
River gage, 1.7 feet
Relative humidity, 67 7 a. m. 72 7 p. m.

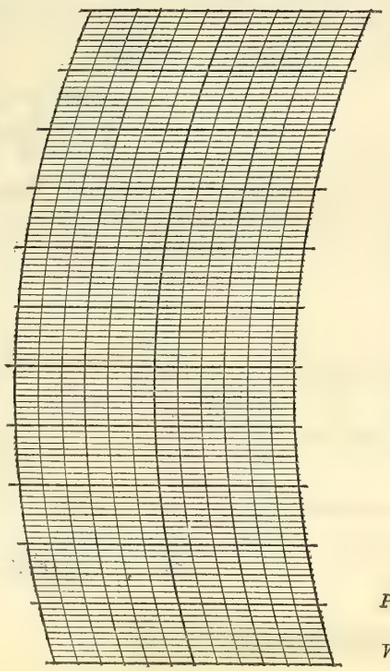
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 69.5
Dew-point, 66 R. humidity, 66 V. pressure, 638
Clouds: Amount, 5; Kind, Ci St Cu; Direction, NW SW
Velocity of clouds (miles per hour)

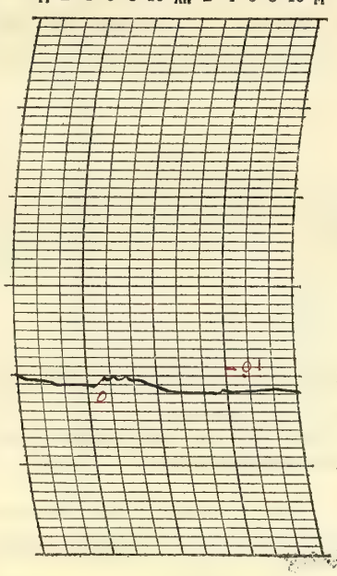
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A thunderstorm accompanied by showers began 6:19 am and continued till 8:50 am. The sky remained mostly overcast all day and into the night. Temperatures below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 21 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	67	67	67	69	73	75	80	81	82	83	84	86	79	74	73	73	70	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:01 RE 4:15							
Amounts of precipitation																	.10							
Cloudiness and other conditions						Cloudy					Pt cldy						cldy				clear			

Sunrise: Time, 4:27 Character, Cloudy
Moonrise: 5:02a Cloudy
Sunset: Time, 7:08 Character, Cloudy
Moonset: 7:45p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	N	NW	NW	NW	NW	NW	NW
Wind movement	10	8	9	8	7	7	10	9	9	6	7	10	12	14	13	15	14	12	6	7	5	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

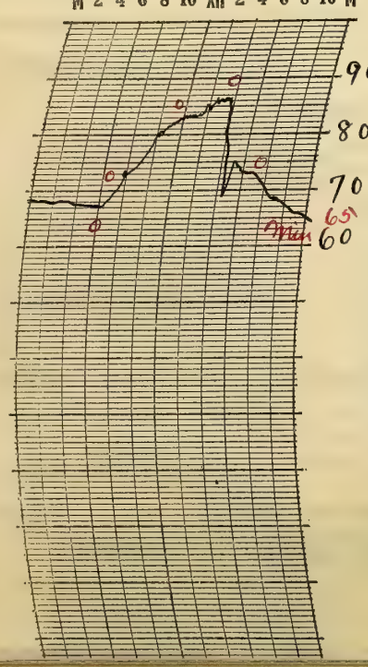
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.0 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 3:42 p.m.
Reduced barometer 29.827 a. m. 29.81 7 p. m.
River gage, 6.2 feet
Relative humidity, 91 7 a. m. 56 7 p. m.

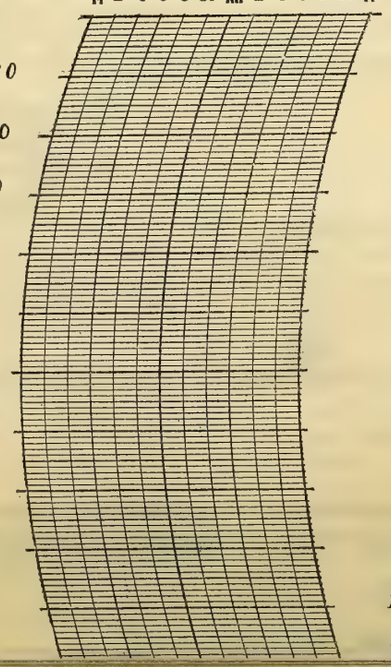
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 71.0
Dew-point, 66 R. humidity, 58 V. pressure, .638
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

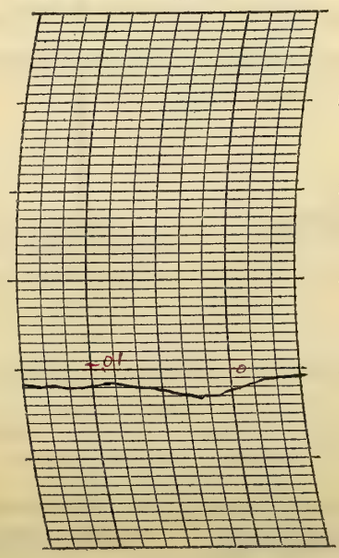
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McKornough

NOTES

There were more or less cloudiness during the day with a small shower in the afternoon. Although no lightning or thunder was observed at the station, the disturbance was very much like a thunderstorm. Clearing after 7:00 p.m.

It became warm and sultry in the afternoon but the temperature dropped considerably during the shower.

Rainbow visible 4:14 p.m. to 4:35 p.m. all seven primary colors of spectrum visible at left end. Secondary bow appeared at left end for short while.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 22 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	63	61	62	64	68	70	71	74	74	74	73	74	72	71	69	67	63	61	60	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←						Clear			→			P.Cldy			→		Clear					→	
Sunshine (in tenths of hours)					55 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0 0	.12 0				
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	W
Wind movement	5	7	6	7	6	8	7	10	10	11	11	11	12	13	15	16	16	16	13	11	5	2	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:27 Character, Clear
Moonrise: 5:58a Clear

Sunset: Time, 7:07 Character, Clear
Moonset: 8:20p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

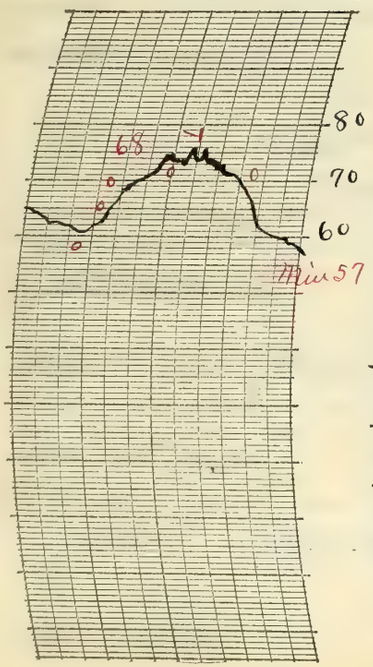
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 98
Prevailing wind direction, NW Total wind, 226
Average hourly velocity, 9.4 Extreme velocity, 23
Maximum velocity, 19 Direction, NW
Time began, 3:12 p.m.
Reduced barometer, 29.95 7 a. m. 30.07 7 p. m.
River gage, 4.4 feet
Relative humidity, 78 7 a. m. 62 7 p. m.

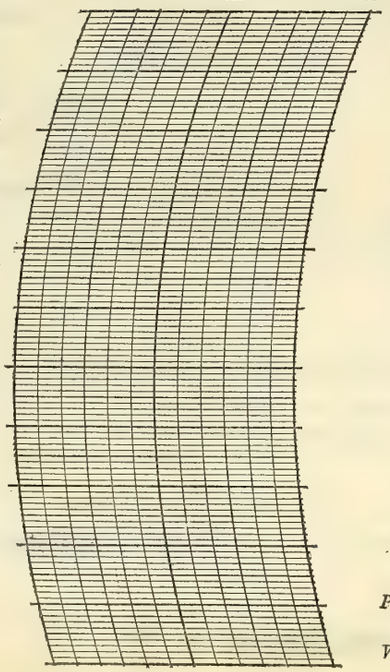
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.3 Wet temperature, 61.5
Dew-point, 54 R. humidity, 48 V. pressure, .417
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

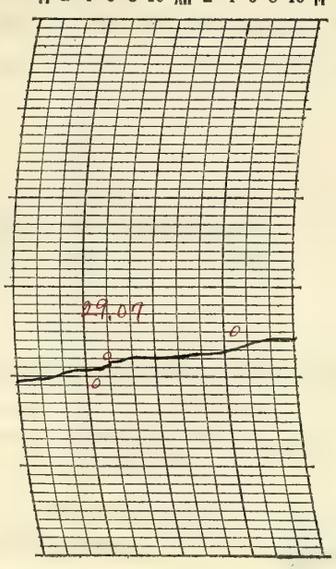
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.P.

Verified by P. McDonough

8—486

NOTES

The sky was partly overcast during the middle of the day and clear in the morning and evening. Stars bright. Crescent of New Moon visible. Fine weather altho the temperatures were somewhat below the normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 23 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	54	53	54	60	65	69	71	73	74	76	77	79	78	78	76	75	71	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				×				Pt Cloudy						×	Clear		→
Sunshine (in tenths of hours)					.53 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	W	W	W	NW	W	W	W	NW	NW	W	NW	NW	NW	NW	N	N	N	* N	* N	* N	* N
Wind movement	5	4	4	4	5	5	4	5	7	7	7	8	9	7	9	8	9	7	5	2	* 2	* 2	* 1	* 1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:28; Character, Clear
Moonrise: 6:56a Clear
Sunset: Time, 7:06; Character, Cloudy
Moonset: 8:52a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	53	66	

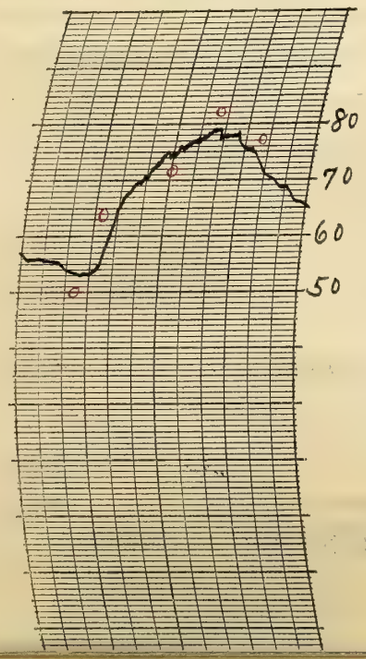
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 87
Prevailing wind direction, N-W-NW Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:05 p.m.
Reduced barometer 30.19 7 a. m. 30.11 7 p. m.
River gage, 3.2 feet
Relative humidity, 70 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

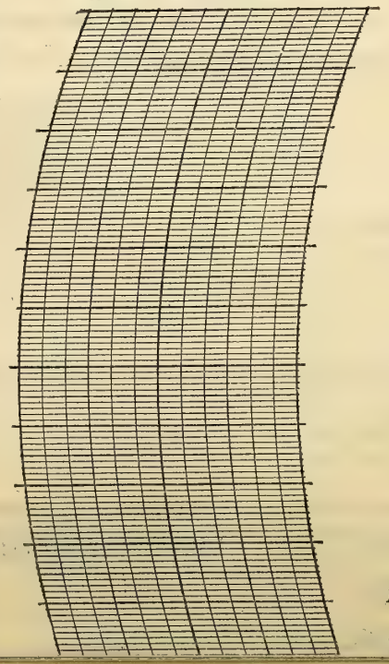
Dry temperature, 74.5 Wet temperature, 59.2
Dew-point, 48 R. humidity, 40 V. pressure, .334
Clouds: Amount, 4; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

* Interpolated

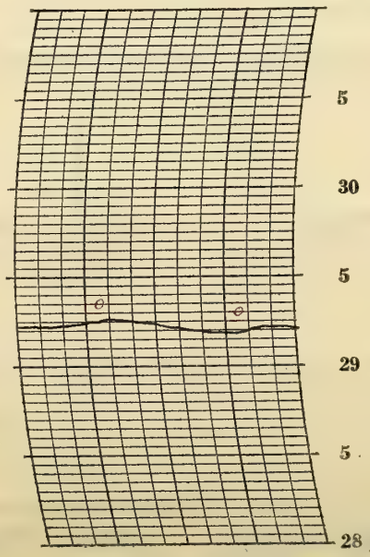
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. P.
Verified by P. McDonough

NOTES

The cloudiness increased during the early morning and the sky was partly overcast from about 10 am till after nightfall. Clear at night. Stars visible.

The temperature rose rapidly from early morning but it was somewhat below the seasonal average all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 24 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	61	60	60	59	61	65	70	74	77	78	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				← Clear							× Pt cldy	
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	0	N	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	0	3	4	4	3	1	4	7	8	7	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	83	82	81	80	79	76	75	73	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×			Clear			× Pt cldy			→		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	1.0	0.6	0	0				
Wind direction	SW	S	S	S	S	SE	S	S	S	SE	SE	SE
Wind movement	8	7	8	7	7	6	5	5	4	5	6	7

Sunrise: Time, 4:29 Character, Clear
Moonrise: 7:54a Clear
Sunset: Time, 7:05 Character, Cloudy
Moonset: 9:22p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

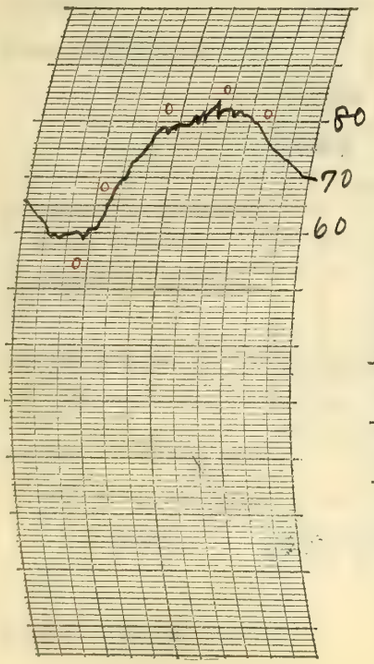
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 2:36 p. m.
Reduced barometer, 30.15 7 a. m. 30.02 7 p. m.
River gage, 2.6 feet
Relative humidity, 62 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.4 Wet temperature, 63.0
Dew-point, 53 R. humidity, 40 V. pressure, 402
Clouds: Amount, 4 Few; Kind, Ci St Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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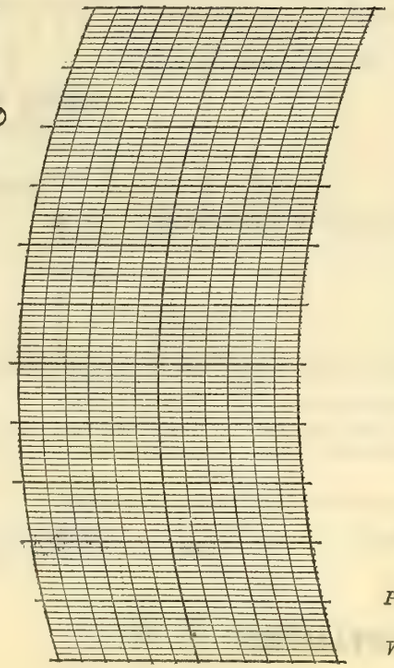
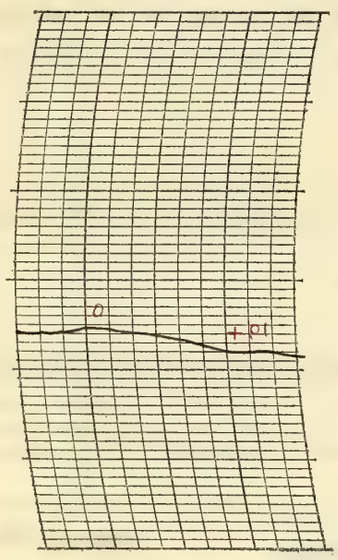


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

(8—486)

NOTES

o By observation * Interpolated.

There was more or less cloudiness during the day with some clouds continuing into the night. Stars visible late at night.

The temperature rose rapidly from early morning and it became warm in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 25 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	68	67	62	65	69	74	81	84	87	88	89	82	80	80	76	73	68	66	65	64	63
State of weather: Nature of precipitation and time of beginning and ending						RB 5:24	RE 6:20																	
Amounts of precipitation						.70	.13																	
Cloudiness and other conditions						Cloudy	Pt cldy			Clear					Pt cldy				Cldy					
Sunshine (in tenths of hours)					0	0	0.2	0.8	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	S	S	S	S	S	SW	SE	S	S	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	7	10	11	10	5	10	13	14	14	14	17	16	17	15	14	14	12	12	8	11	9	10

Sunrise: Time, 4:30; Character, Cloudy
Moonrise: 8:53a Clear
Sunset: Time, 7:04; Character, Cloudy
Moonset: 9:50p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .83 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .83 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.7; Possible sunshine, hours, 14.6
Per cent of possible sunshine, 66
Prevailing wind direction, NW; Total wind, 277
Average hourly velocity, 11.5; Extreme velocity, 23
Maximum velocity, 23; Direction, W
Time began, 12:15 p.m.
Reduced barometer, 29.92 7 a. m. 29.88 7 p. m.
River gage, 2.9 feet
Relative humidity, 97 7 a. m. 76 7 p. m.

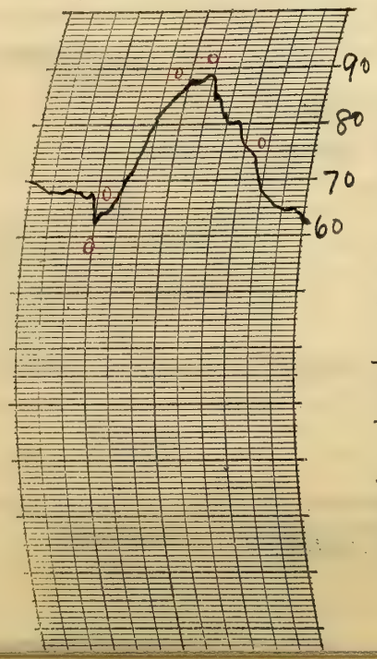
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	5:24a	6:20a	0.83	5:26a	5:41a	.01	.09	.36	.69											

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

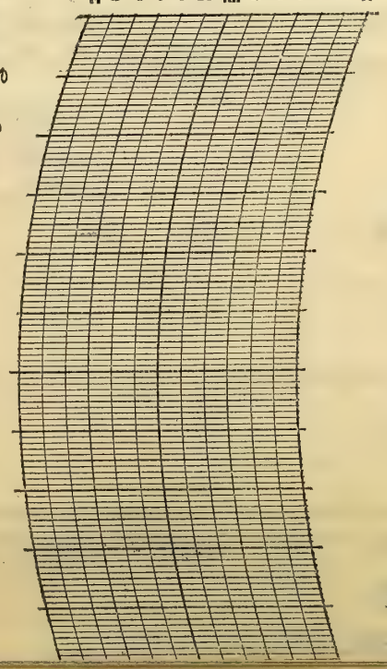
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 87.0; Wet temperature, 75.5
Dew-point, 71; R. humidity, 59; V. pressure, .757
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

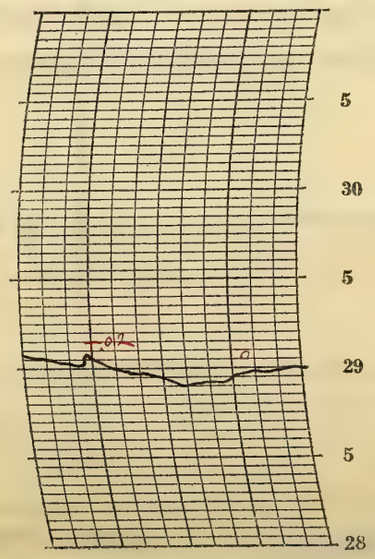
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

NOTES

A thunderstorm from the northwest began 4:50 am and ended 6:20 am. It was accompanied by excessive rain and the streets were flooded in low places for a short while.

The day as a whole was partly cloudy with clouds continuing into the night.

It became warm and sultry in the afternoon but the temperature fell rapidly at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 26 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	62	62	63	64	64	64	65	68	69	70	70	69	69	69	69	68	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15 RE 7:00																	
Amounts of precipitation							T																	
Cloudiness and other conditions												Cloudy								X clear	X cldy	X		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.4	0.4	0.5	0.2	0	0	0	0	0	0				
Wind direction	W	W	W	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	NW	NW	NW	NW
Wind movement	8	7	6	8	8	9	7	8	9	9	10	9	9	9	10	8	6	6	5	4	4	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:31; Character, Cloudy
Moonrise: 9:54a Cloudy
Sunset: Time, 7:03; Character, Cloudy
Moonset: 10:18p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

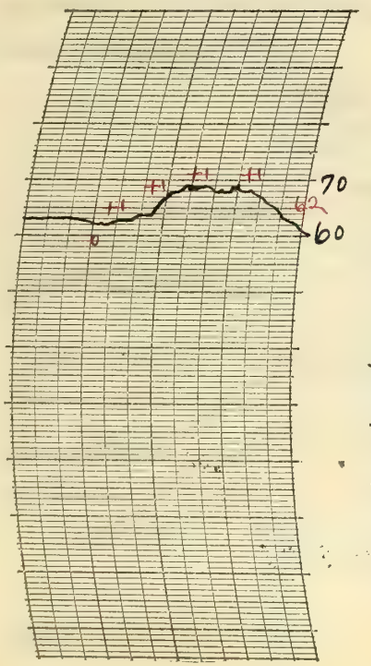
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 15 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 10
Prevailing wind direction, NW Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 10:15 a.m.
Reduced barometer, 29.91 7 a. m. 29.92 7 p. m.
River gage, 2.2 feet
Relative humidity, 95 7 a. m. 78 7 p. m.

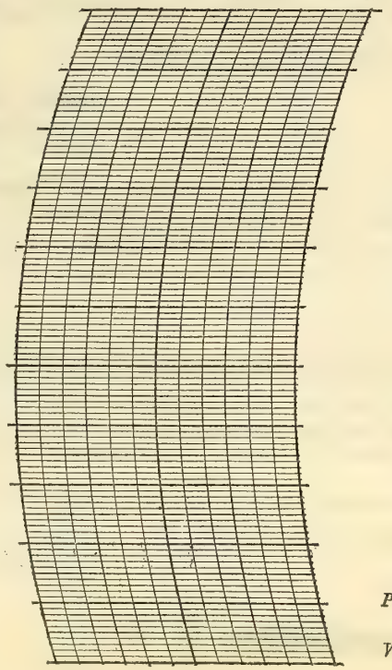
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 64.5
Dew-point, 63 R. humidity, 83 V. pressure, 57.5
Clouds: Amount, 10; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

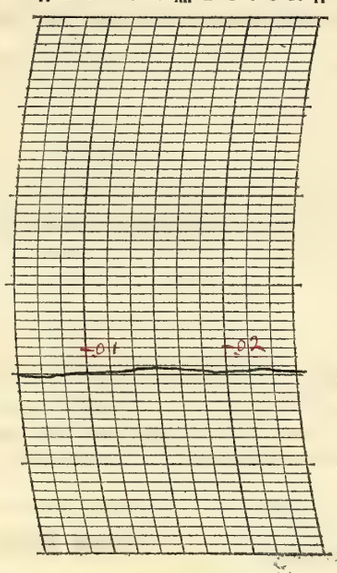
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OLK

Verified by P. McDonough

8—486

NOTES

There was a light misting rain in the morning and the sky remained mostly overcast all day. It cleared for a while about 8:00 p.m. but became cloudy again late at night.

The temperature did not vary greatly and was low for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 27 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	57	56	57	62	60	63	68	70	72	74	76	76	77	78	77	76	73	69	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy								Cloudy							Pt Cldy				
Sunshine (in tenths of hours)					0	0	0.4	0.1	0.2	0.7	0.6	1.0	1.0	0.8	0.9	1.0	1.0	0.5	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	SW	SW	W	W	W	NW	NW	W	NW	W	NW	W	NW	NW	NW	N
Wind movement	3	2	2	2	3	3	2	5	5	7	8	10	7	7	6	3	5	3	2	4	8	9	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:32 Character, Cloudy
Moonrise: 10:56a Cloudy
Sunset: Time, 7:03 Character, Cloudy
Moonset: 10:46p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

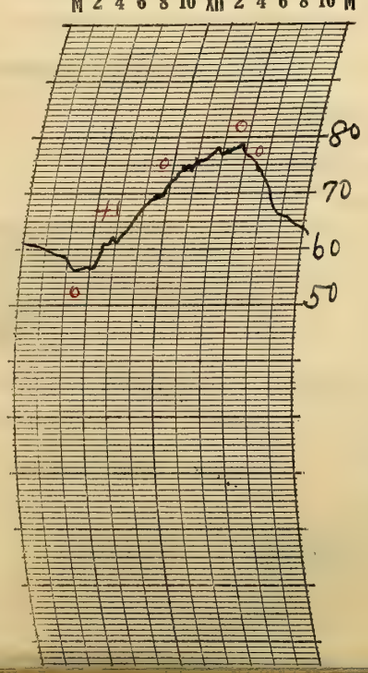
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.2 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 57
Prevailing wind direction, NW Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 10:04 p.m.
Reduced barometer, 29.89 7 a. m. 29.83 7 p. m.
River gage, 2.4 feet
Relative humidity, 88 7 a. m. 58 7 p. m.

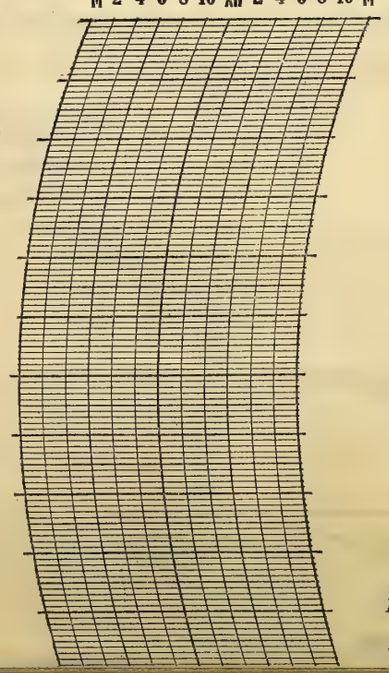
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 64.4
Dew-point, 60 R. humidity, 66 V. pressure, .517
Clouds: Amount, 8; Kind, a cu; Direction, NW
Velocity of clouds (miles per hour)

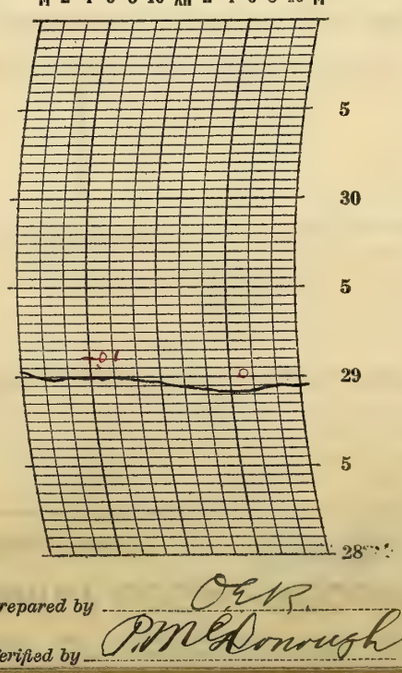
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P.M. McDonough

NOTES

Light fog began during the night a.m. and ended about 9:30 am. Considerable cloudiness continued all day altho sunshine was recorded through the clouds. Clouds continued into the night with the moon visible at intervals.

Temperatures below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	56	54	54	57	60	63	64	66	68	68	69	70	70	70	70	69	65	64	63	61	59
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30 RE 12:50																							
Amounts of precipitation	T																							
Cloudiness and other conditions							Clear					Pt Cldy					Clear							
Sunshine (in tenths of hours)					45 0	0.7 0.3	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9 0.1	0.3 0				
Wind direction	NW	N	N	N	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW
Wind movement	12	13	9	7	8	8	10	12	13	16	15	15	15	13	13	14	14	13	7	4	2	2	2	2

Sunrise: Time, 4:33 Character, Clear
Moonrise: 12:00 nn Cloudy
Sunset: Time, 7:02 Character, Clear
Moonset: 11:18 p Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	53	62	

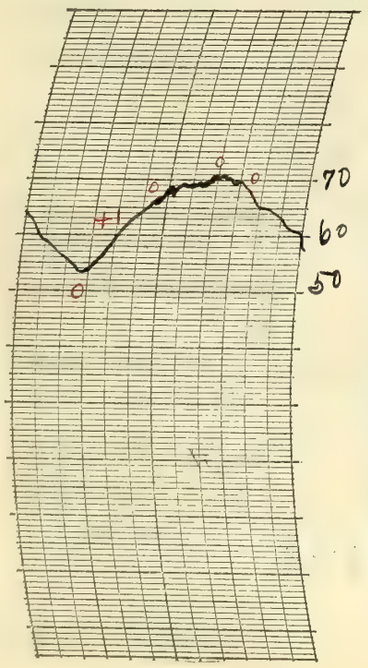
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, First Quarter 2:23 p. m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 99
Prevailing wind direction, NW Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 22
Maximum velocity, 21 Direction, NW
Time began, 9:27 am.
Reduced barometer, 29.96 7 a. m. 29.98 7 p. m.
River gage, 1.6 feet
Relative humidity, 72 7 a. m. 46 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 56.6
Dew-point, 48 R. humidity, 49 V. pressure, 334
Clouds: Amount, 4; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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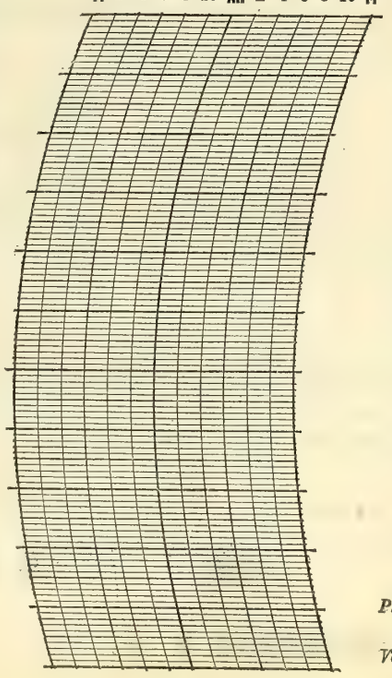
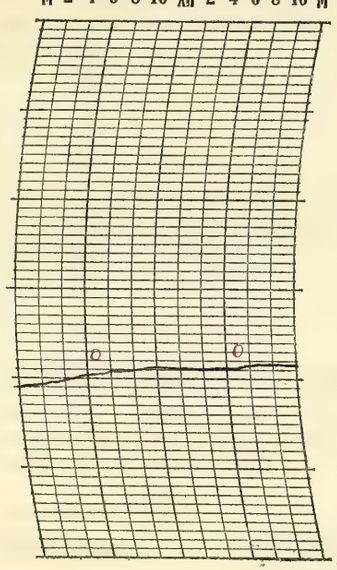


BAROGRAPH.



Prepared by O.E.R.
Verified by P. M. O'Donough

8—486

NOTES

A light shower occurred between midnight am and 1:00 am. The sky was clear by morning and remained mostly clear during the day except for a while during the middle of the day when it was partly overcast. Moonlight at night. Stars brilliant.

The weather was fine although the temperature was somewhat below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	57	56	56	62	67	70	71	73	72	77	75	75	74	73	72	70	68	67	64	62	62
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							X			Pt cldy						Clear →			
Sunshine (in tenths of hours)					0	0.1	0.7	0.7	1.0	1.0	1.0	0.8	0.9	0.8	1.0	0.3	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	SW	SW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	0	NW	NW	NW
Wind movement	3	1	3	3	2	2	3	5	6	9	10	11	12	14	13	11	10	8	4	2	0	1	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:34 Character, Clear
Moonrise: 1:06p Cloudy
Sunset: Time, 7:01 Character, Cloudy
Moonset: 11:52p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

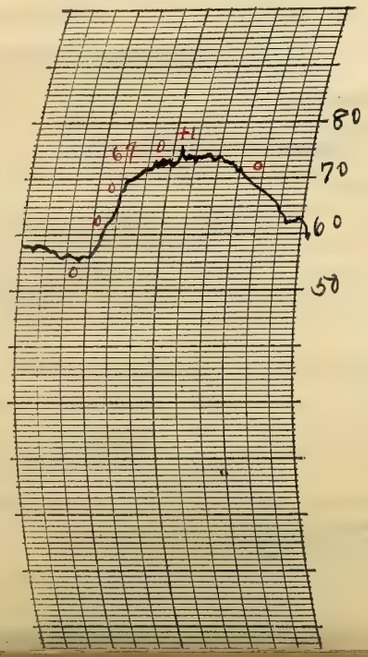
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 67
Prevailing wind direction, NW Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 1.8
Maximum velocity, 17 Direction, W
Time began, 1:44 p.m.
Reduced barometer, 30.00 7 a. m. 29.99 7 p. m.
River gage, 6.7 fall
Relative humidity, 60 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.4 Wet temperature, 58.9
Dew-point, 49 R. humidity, 44 V. pressure, .347
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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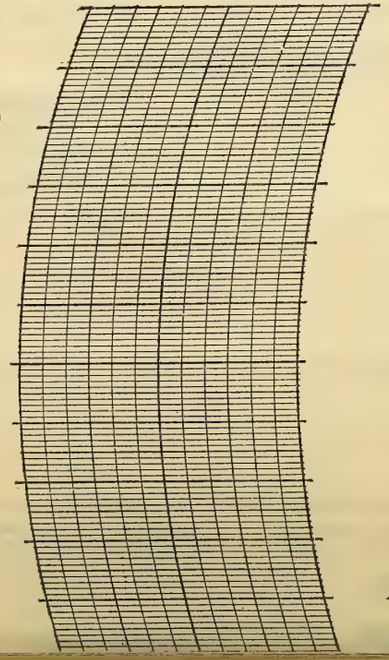
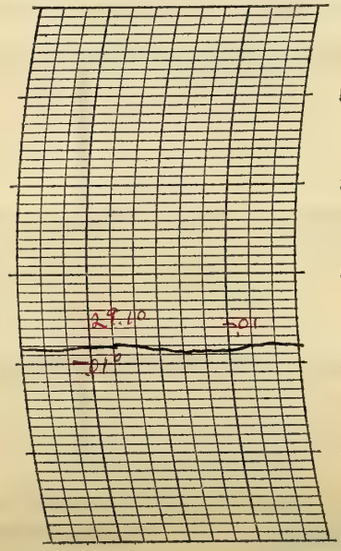


BAROGRAPH.



Prepared by O.E.P.
Verified by P. McDonough

NOTES

The sky was mostly clear during the morning, partly cloudy in the afternoon and clear again after nightfall. Moonlight at night.
Temperatures still low for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 30 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	56	58	58	59	61	65	68	68	69	70	70	69	68	68	67	66	65	65	64	63	62	62
State of weather: Nature of precipitation and time of beginning and ending															RB 2:40 RE 2:50								RBDN	RBDN
Amounts of precipitation															T							.01	T	
Cloudiness and other conditions						Pt cldy								Cloudy										

Sunrise: Time, 4:35; Character, Cloudy
Moonrise: 2:14p; Cloudy
Sunset: Time, 7:00; Character, Cloudy
Moonset: —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	1.0	0.2	0	0	0.8	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	W	W	SW	S	S	S	SE	SE	SE
Wind movement	4	2	1	2	1	4	5	7	10	9	10	8	11	12	7	7	5	7	6	6	3	4	2	1

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

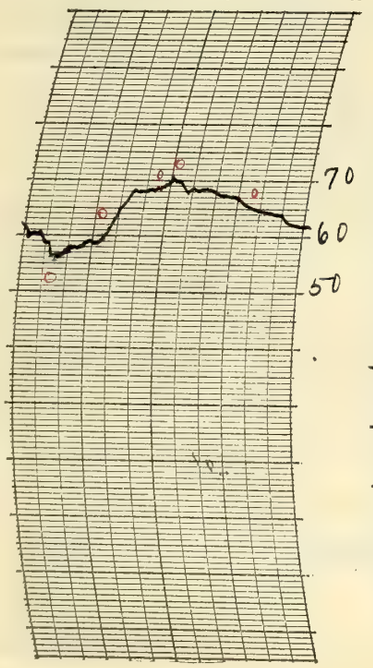
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 14
Prevailing wind direction, SW Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 1:00 p.m.
Reduced barometer, 30.03 7 a. m. 29.98 7 p. m.
River gage, 1.7 feet
Relative humidity, 70 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 61.5
Dew-point, 56 R. humidity, 61 V. pressure, .448
Clouds: Amount, 9; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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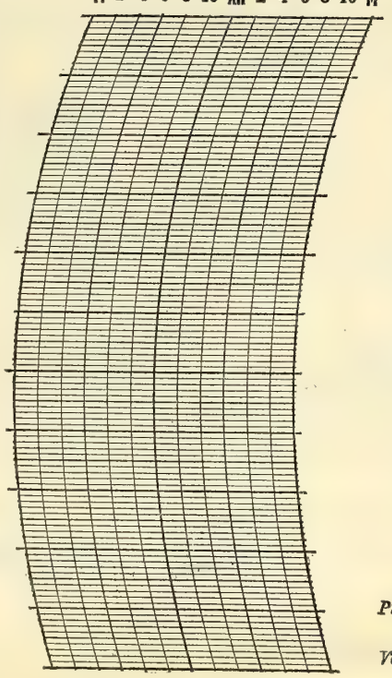
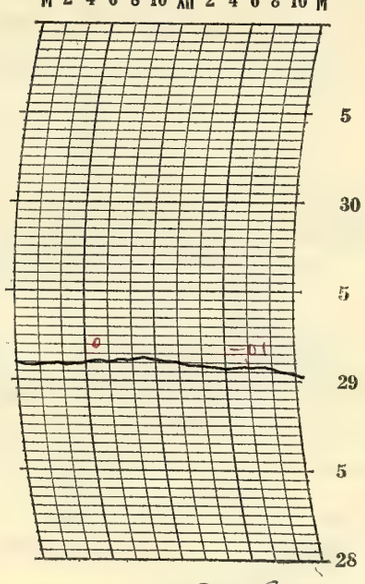


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

It was partly cloudy for a while in the early morning but soon became over cast and remained mostly cloudy the rest of the day. There was a light sprinkle in the afternoon and showers threatened at other times. Cloudy into the night. Shower late at night. The temperature did not vary greatly and it was rather cool for the season

Form No. 1014—Mo'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 31 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	59	58	58	59	59	59	55	57	58
State of weather: Nature of precipitation and time of beginning and ending					RB DN	RE 6:50				RB 9:00	---	---
Amounts of precipitation					.01	.01				.21	.01	.05
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character, 4:36 Cloudy												
Moonrise: 3:23p Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	W	W	W
Wind movement	2	5	7	5	6	4	3	5	6	8	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	65	58	57	58	60	59	59	59	59	58	56
State of weather: Nature of precipitation and time of beginning and ending	RE 12:15	RB 1:57 RE 1:59	RB 2:33	RE 3:07 R+HB 3:07 RHE 3:30	RE 4:50				RB 8:25 RE 8:50			
Amounts of precipitation	T	T	.02	.17	.04				T			
Cloudiness and other conditions												
Sunset: Time, Character, 6:59 Cloudy												
Moonset: 12:34a Cloudy												
Sunshine (in tenths of hours)	0.7	0.6	0.1	0	0	0	0					
Wind direction	W	NW	NW	SW	SW	W	W	W	W	NW	NW	NW
Wind movement	8	9	10	9	6	6	6	6	9	11	11	8

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	55	60	

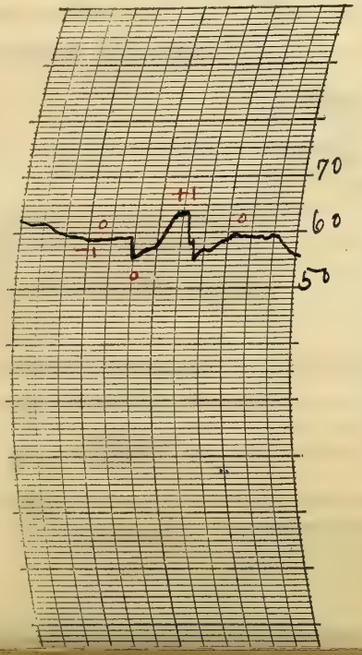
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., .50 ins.
Total precipitation, midnight to midnight, .52 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 10
Prevailing wind direction, SE Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 19
Maximum velocity, 19 Direction, SW
Time began, 2:34 p.m.
Reduced barometer, 29.84 7 a. m. 29.85 7 p. m.
River gage, 0.9 feet
Relative humidity, 92 7 a. m. 94 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

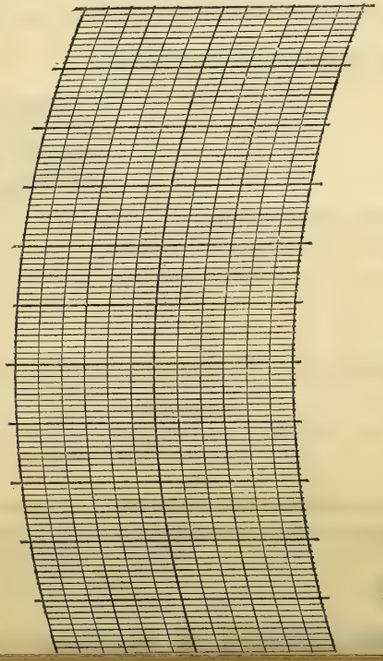
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 58.1 Wet temperature, 56.9
Dew-point, 56 R. humidity, 93 V. pressure, .448
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

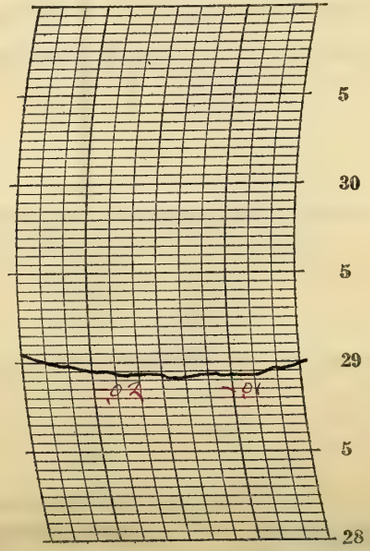
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

NOTES

Several showers fell during the day and the sky continued overcast into the night with the last shower ending shortly before 9:00 p.m. Slight hail fell with the rain from 3:07 p.m. to 3:10 p.m. A thunderstorm began 9:12 am and ended 4:50 p.m.

There was small range in temperature and it was rather cool for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 1 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	56	55	56	57	59	61	65	66	68	70	71	71	65	64	66	67	66	64	63	62	62	61
State of weather: Nature of precipitation and time of beginning and ending															RB 2:50	RE 3:55								
Amounts of precipitation															T	.03								
Cloudiness and other conditions					←		Cloudy					X Pt cldy		X				Cloudy		X	Pt cldy			→

Sunrise: Time, 4:37 Character, Cloudy
Moonrise: 4:31p Cloudy
Sunset: Time, 6:57 Character, Cloudy
Moonset: 1:23a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.1	0.9	0.7	0.4	1.0	0.4	0.9	0	0	0	0	0					
Wind direction	NW	N	N	N	N	N	N	NW	NW	NW	W	NW	N	NE	E	NW	NW	NW	NW	S	S	S	SW	SW
Wind movement	10	10	9	5	3	3	5	6	5	4	5	6	6	3	6	7	1	3	1	5	5	6	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

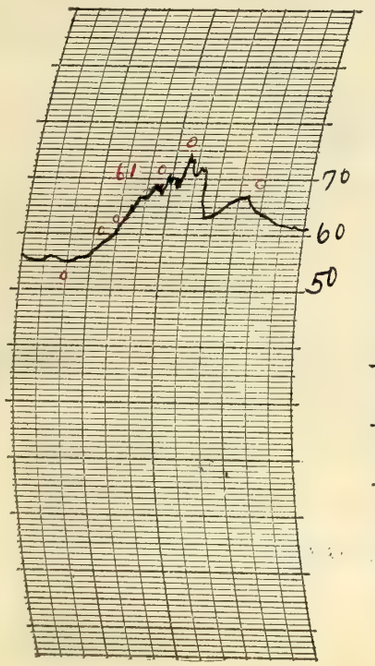
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 31
Prevailing wind direction, NW Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 21
Maximum velocity, 18 Direction, W
Time began, 2:48 p.m.
Reduced barometer, 30.01 7 a. m. 30.07 7 p. m.
River gage, 1.0 foot
Relative humidity, 89 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.3 Wet temperature, 61.8
Dew-point, 57 R. humidity, 62 V. pressure, .465
Clouds: Amount, 5; Kind, a cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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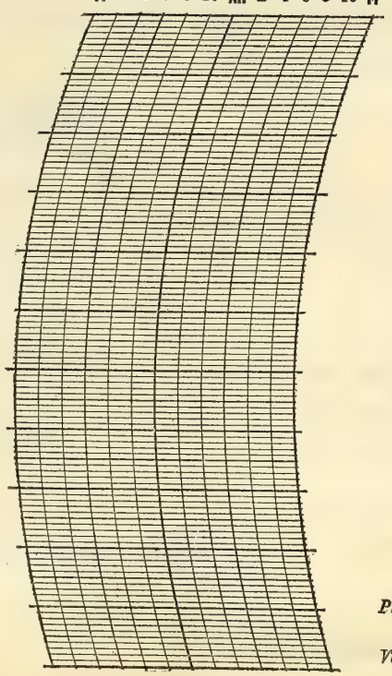
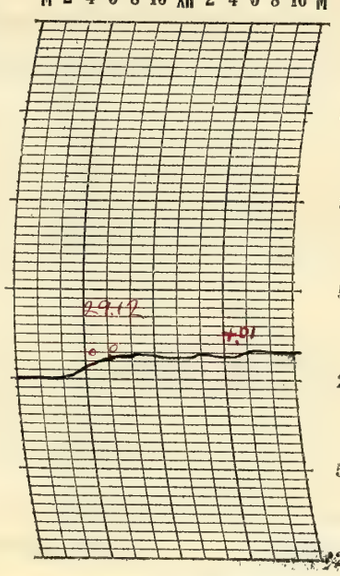


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was mostly cloudy except for a while about noon when it cleared somewhat. A light shower occurred during the afternoon. Clouds continued into the night but it cleared some about 8:00 p.m. after which there was moonlight.

Temperature still low for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 2 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	58	58	59	63	67	70	72	73	73	73	71	75	77	76	74	72	70	69	66	65	63
State of weather: Nature of precipitation and time of beginning and ending														RB 1:15 RE 1:47										
Amounts of precipitation														.16										
Cloudiness and other conditions					←	Clear				—	×	—	Pt cldy			×		—	Clear					→
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	0.9	0.3	0.4	0.2	0.2	0.8	1.0	1.0	0.2	0					
Wind direction	SW	0	SW	SW	SW	SW	SW	N	N	N	NW	N	NE	SE	SE	N	S	S	S	S	S	SE	S	S
Wind movement	3	0	3	2	1	2	2	2	3	3	2	4	5	6	4	2	5	5	3	1	3	2	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:38; Character, Cloudy

Moonrise: 5:35p Cloudy

Sunset: Time, 6:56; Character, Cloudy

Moonset: 2:20a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.8 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 55

Prevailing wind direction, S Total wind, 65

Average hourly velocity, 2.7 Extreme velocity, 10

Maximum velocity, 10 Direction, S

Time began, 1:17 p.m.

Reduced barometer, 30.16 7 a. m. 30.15 7 p. m.

River gage, 1.5 feet

Relative humidity, 82 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

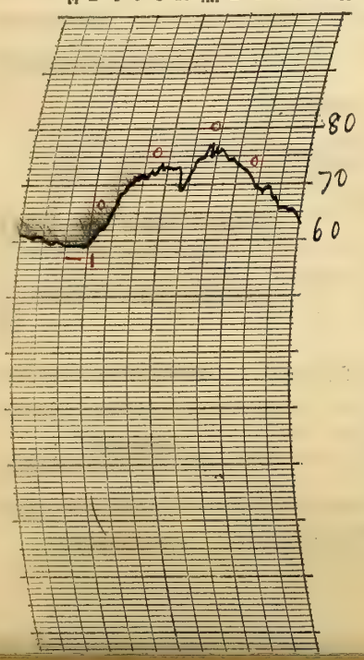
Dry temperature, 73.0 Wet temperature, 65.0

Dew-point, 61 R. humidity, 65 V. pressure, 533.6

Clouds: Amount, 5; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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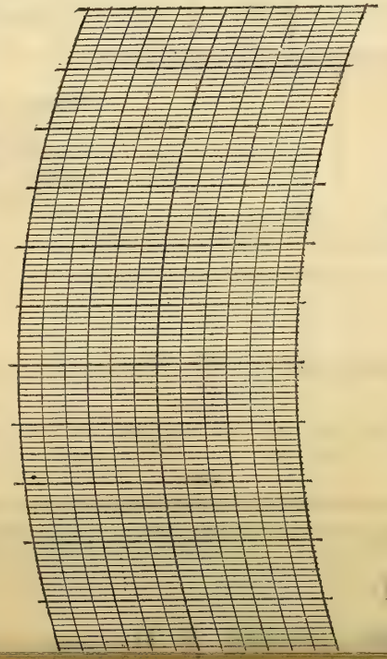
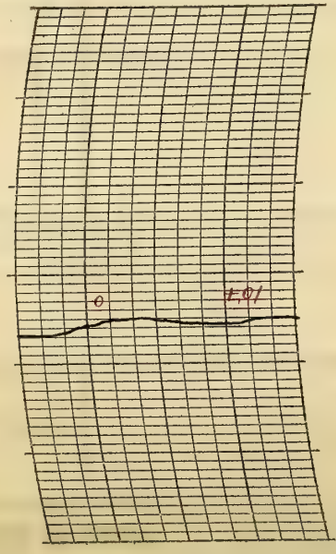


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Heavy deposit of dew in early morning.

The sky was mostly clear during the early morning, partly cloudy from 10:am to about 4:p.m and then clear into the night with moonlight. A shower occurred between 1 p.m and 2 p.m and a thunderstorm to the northwest from 2:06 p.m to about 2:55 p.m. The rainfall was moderately heavy from the station to the north of the city but there was no rain at all in the southwest part of town.

Temperatures moderate in the afternoon but it was cool in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 3 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	59	60	61	63	69	73	76	76	76	78	71	74	76	76	75	74	70	69	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear					×	Pt cldy	×		Cldy	×			Pt cldy				×	
Sunshine (in tenths of hours)					0	0	0.4	0.9	1.0	1.0	1.0	0.6	0.7	0	0	0.2	0.6	0	0					
Wind direction	0	S	S	SE	SE	E	E	E	NE	SE	NE	NE	SE	W	W	S	SW	SW	SE	S	S	S	SE	SE
Wind movement	0	1	1	2	2	2	2	3	4	3	5	5	6	8	4	4	4	4	5	6	2	1	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:39 Character, Cloudy
Moonrise: 6:30p Cloudy

Sunset: Time, 6:55 Character, Cloudy
Moonset: 3:26a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 45
Prevailing wind direction, SE Total wind, 78
Average hourly velocity, 3.2 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 12:57 p.m.
Reduced barometer, 30.22 7 a. m. 30.16 7 p. m.
River gage, 15 feet
Relative humidity, 91 7 a. m. 55 7 p. m.

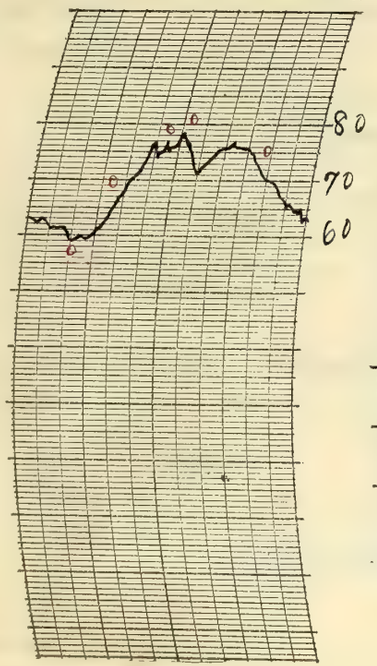
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.4 Wet temperature, 64.6
Dew-point, 58 R. humidity, 53 V. pressure, .482
Clouds: Amount, 3/3; Kind, Cu Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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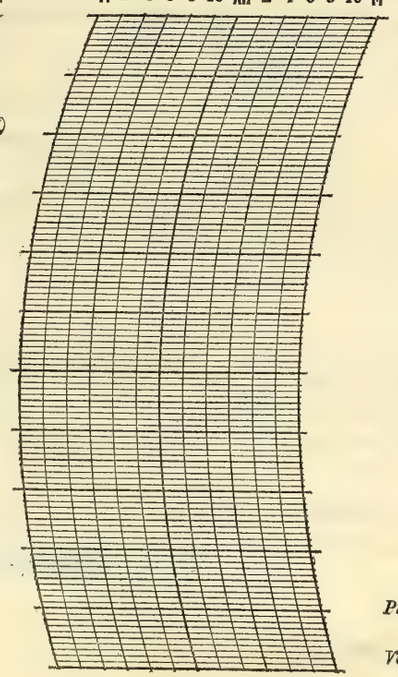
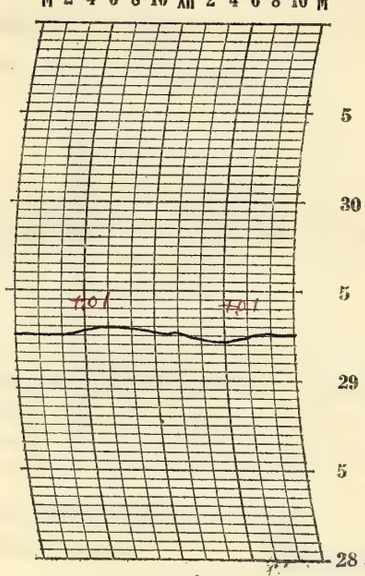


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—480

NOTES

Heavy deposit of dew in the early morning.

The cloudiness increased from early morning and the sky became mostly cloudy for a while in the afternoon. Some clouds continued into the night but it cleared later and there was moonlight.

A thunderstorm moving from the southwest began 12:15 p.m and ended about 1:20 p.m. No precipitation occurred at the station but rain fell in the west part of the city and greater part of the storm seemed to pass to the northwest and north of the station.

Form No. 1014—McU'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	58	61	64	70	74	77	79	79	81	83	82	82	81	78	76	73	70	69	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear								Pt cldy			Clear		
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE	E	SE	E	E	S	S	W	NE	E	E	E	E
Wind movement	3	4	4	2	3	4	4	3	4	5	5	6	6	6	5	4	7	5	3	3	4	5	3	2

Sunrise: Time, 4:40 Character, Clear
Moonrise: 7:19 p
Sunset: Time, 4:54 Character, Cloudy
Moonset: 4:37 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

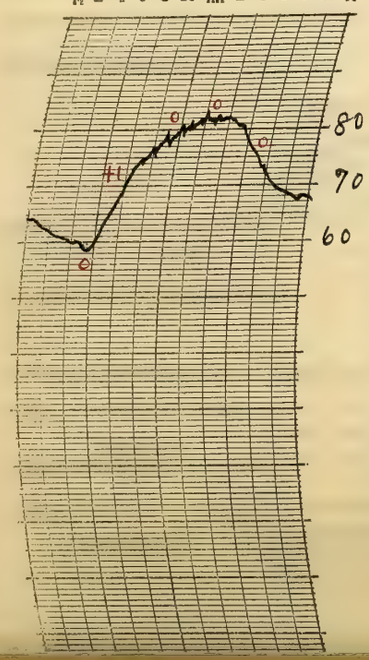
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full - 5:59 am
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 80
Prevailing wind direction, E Total wind, 100
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 4:45 p. m.
Reduced barometer, 30.22 7 a. m. 30.14 7 p. m.
River gage, 1.3 feet
Relative humidity, 82 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 65.0
Dew-point, 57 R. humidity, 46 V. pressure, 465
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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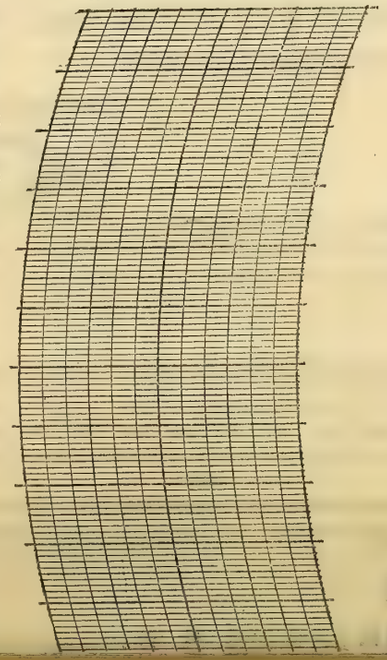
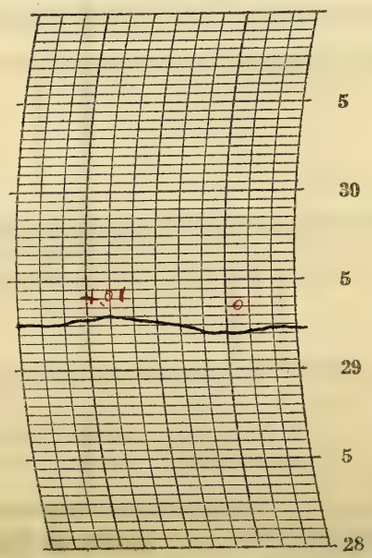


BAROGRAPH.



Prepared by O.A.R.
Verified by P. McDonough

NOTES

Heavy deposit of dew in early morning.

The sky was cloudless until afternoon. It became partly cloudy for a while in the evening and then cleared later at night. Moonlight.

There was a thunderstorm northwest of the station from 4:40 p.m. until 7:00 p.m. but no rain occurred at the station.

It was cool in the morning but the temperatures were more nearly seasonal in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 5 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	61	62	64	72	75	79	81	81	84	84	84	85	84	78	74	72	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.32 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	E	NE	N	N	N	NW	NW	NW	NW	N	N	SE	SE	S	S	SW	SW
Wind movement	2	4	4	2	2	4	4	2	2	3	5	4	6	7	8	5	5	6	5	5	6	6	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 4:41, Character Clear
Moonrise: 8:01 p Cloudy
Sunset: Time 6:53, Character Cloudy
Moonset: 5:52 a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

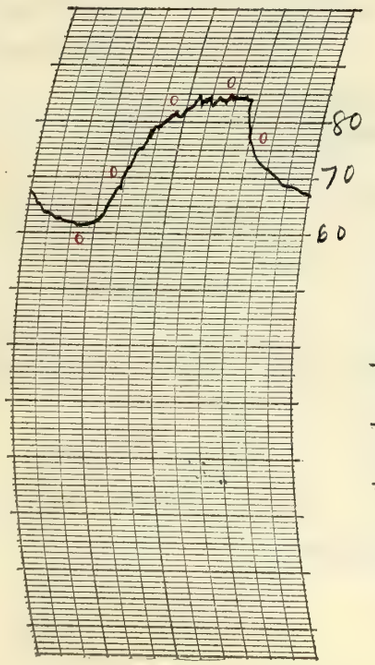
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 90
Prevailing wind direction, NE Total wind, 106
Average hourly velocity, 4.4 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 5:43 P.
Reduced barometer, 30.17 7 a. m. 30.07 7 p. m.
River gage, 1.7 feet
Relative humidity, 79 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 66.5
Dew-point, 59 R. humidity, 46 V. pressure, .499
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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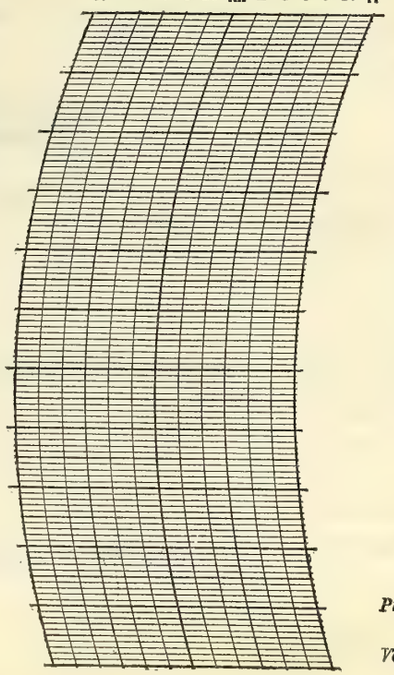
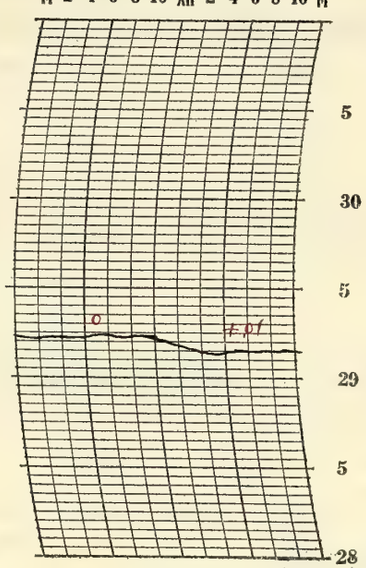


BAROGRAPH.



Prepared by OER.

Verified by P. McDonough

8—486

NOTES

The day was mostly clear all day. In the evening some dark clouds appeared in the west but passed to the southwest without precipitation or thunder being observed at the station.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 6 1925, 192

Time (local standard) 90° mer. normal time.

A. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	63	64	64	64	65	67	71	77	80	82	84
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)					0	0	0.1	0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	E	SE	SE	SE	S	SW	S	SW	SW	W
Wind movement	4	3	5	3	2	4	4	3	3	5	5	5

P. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	84	81	81	80	78	76	75	74	73	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. cloudy						
Sunshine (in tenths of hours)	1.0	1.0	0.4	0.4	0.5	0	0					
Wind direction	NW	NW	NW	NW	N	N	N	NE	E	E	E	E
Wind movement	5	7	7	8	6	4	3	3	1	2	2	1

State of weather.

Sunrise: Time, 4:42 Character, Cloudy
Moonrise: 8:38p Cloudy
Sunset: Time, 6:52 Character, Cloudy
Moonset: 7:05a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

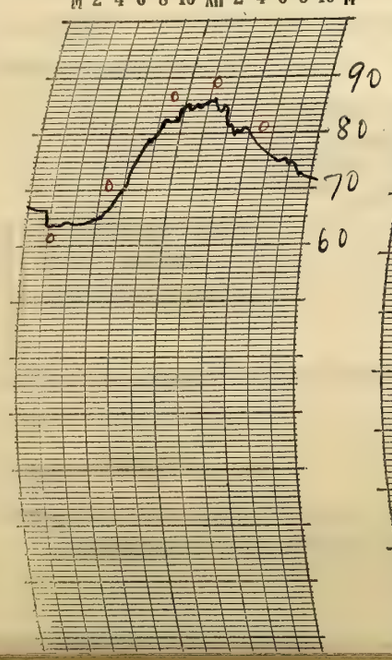
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 54
Prevailing wind direction, E-SW Total wind, 95
Average hourly velocity, 4.0 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 3:27 p. m.
Reduced barometer 30.08 7 a. m. 29.98 7 p. m.
River gage, 1.6 feet
Relative humidity, 85 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 67.5
Dew-point, 59 R. humidity, 42 V. pressure, .499
Clouds: Amount, 3; Kind, a cu / cu; Direction, NW / NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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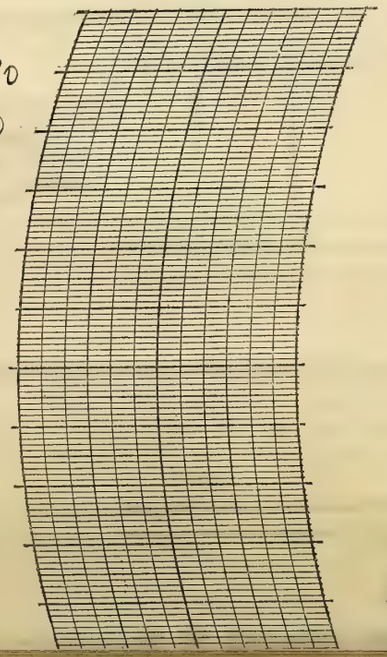
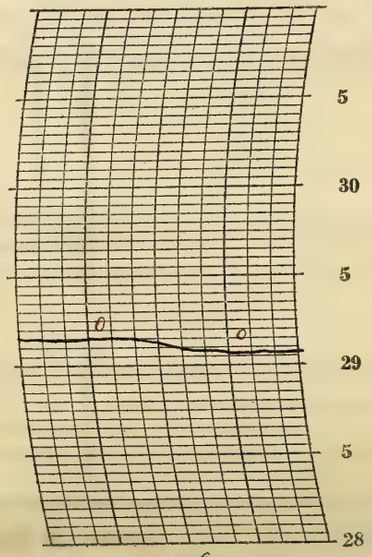


BAROGRAPH.



Prepared by O.R.

Verified by P. McDonough

NOTES

The sky was mostly clear during the morning and partly cloudy in the afternoon and at night. a few of the brighter stars visible.

Temperatures slightly above the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	67	70	72	79	84	82	83	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy							Cloudy
Wind direction	S	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	6	6	7	8	9	7	6	7	7	8	8	7
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	0.6	0	0.6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	86	85	85	82	82	81	75	73	72	72	72
State of weather: Nature of precipitation and time of beginning and ending						RB 5:30 RE 5:45		RB 7:05	RE 8:30		RB DN	RE DN
Amounts of precipitation						T		.01	.03		T	T
Cloudiness and other conditions	Haze			Cloudy								
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	N	SE	SE	SE
Wind movement	8	8	7	8	8	5	4	7	2	3	3	7
Sunshine (in tenths of hours)	0.4	1.0	0.2	0	0	0	0					

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 9:11 p Cloudy
Sunset: Time, 6:51 Character, Cloudy
Moonset: 8:18 a Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind, 156
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 7:24 p.m.
Reduced barometer, 29.95 7 a. m. 29.87 7 p. m.
River gage, 1.5 feet
Relative humidity, 69 7 a. m. 46 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

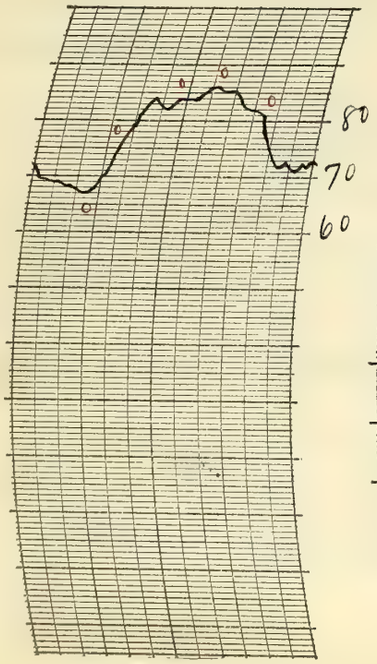
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.5 Wet temperature, 69.0
Dew-point, 62 R. humidity, 48 V. pressure, .533
Clouds: Amount, 9.5; Kind, St ~~Lt Haze~~ Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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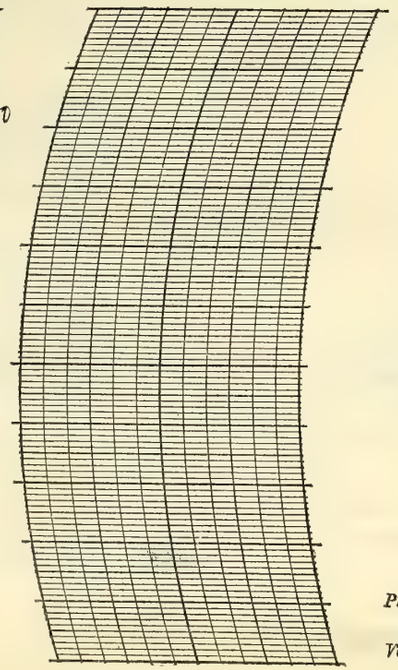
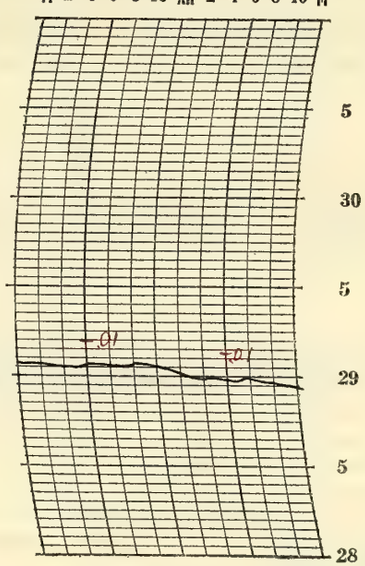


BAROGRAPH.



Prepared by OEP

Verified by P. McDonough

8—486

NOTES

The lower atmosphere contained a light haze all day, it was partly cloudy for a while in the morning but the clouds increased and it was mostly cloudy after 10 am. There were showers in the evening and at night.

Temperatures slightly above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	68	67	68	68	68	71	72	73	74	73	73
State of weather: Nature of precipitation and time of beginning and ending	RB DN	- -	- -	RE DN							RB 1020	RE 11:35
Amounts of precipitation	T	.27	.04	0.1							T	T
Cloudiness and other conditions	← Pt cldy →											
Sunrise: Time, Character, 4:44 Cloudy												
Moonrise: 9:42p Cloudy												
Sunshine (in tenths of hours)					0	0	0.4	0.2	0	0.4	0	0
Wind direction	SE	SW	S	SE	SE	S	S	SW	SW	SW	SW	SW
Wind movement	7	9	9	9	9	9	10	12	12	12	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	77	76	74	72	72	71	69	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →							← Pt cldy →				
Sunset: Time, Character, 6:49 Cloudy												
Moonset: 9:27a Cloudy												
Sunshine (in tenths of hours)	0	1.0	0.2	0.6	0.1	0	0.4 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	14	15	16	16	11	10	8	7	8	8	7

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	65	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.3 Possible sunshine, hours, 14.1

Per cent of possible sunshine, 23

Prevailing wind direction, W Total wind, 249

Average hourly velocity, 10.4 Extreme velocity, 21

Maximum velocity, 20 Direction, W

Time began, 3:07 p.m.

Reduced barometer, 29.76 7 a. m. 29.83 7 p. m.

River gage, 1.6 feet

Relative humidity, 84 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

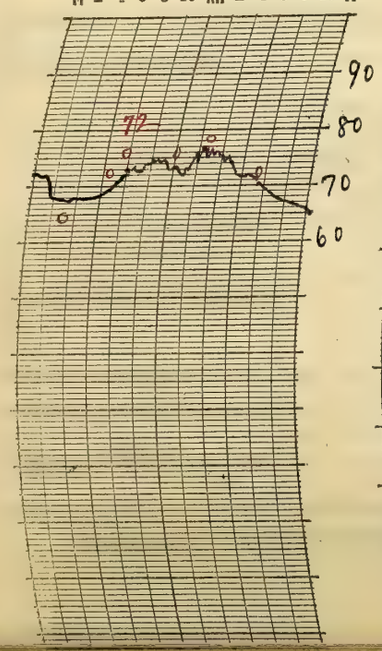
Dry temperature, 73.0 Wet temperature, 70.0

Dew-point, 69 R. humidity, 86 V. pressure, .707

Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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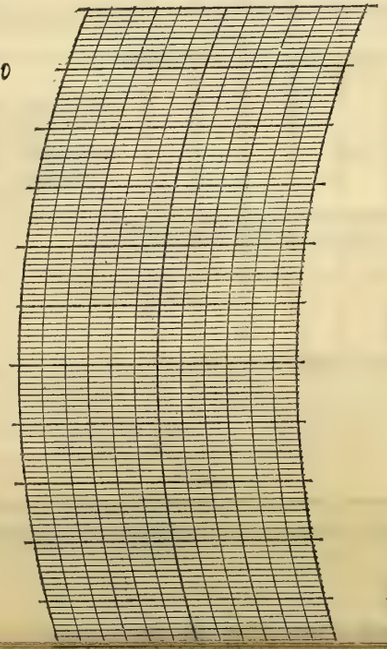
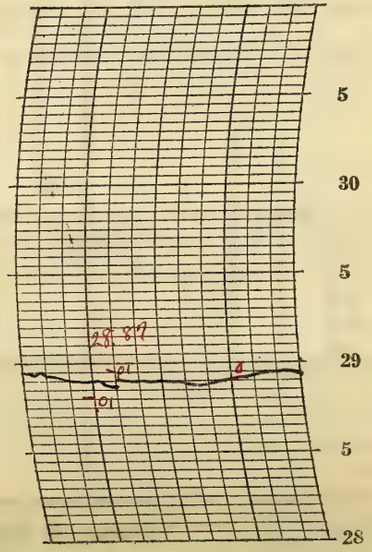


BAROGRAPH.



Prepared by O.A.R.
P. McDonough

NOTES

A thunderstorm began at 1:00 am and ended at 2:35 am. It was accompanied by a moderate shower. The sky was partly cloudy for a while about sunrise but was mostly overcast the greater part of the day and a light sprinkle occurred a while before noon. Some cloudiness continued into the night.

The temperature did not vary a great deal and was mostly below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 9 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	61	62	67	73	79	81	83	83	82	85	86	87	85	84	82	78	71	70	67	66
State of weather: Nature of precipitation and time of beginning and ending													RB 12:50	RE 1:05										
Amounts of precipitation													T	T										
Cloudiness and other conditions					←		Clear					X 8+	cldy	X cldy	X			Clear				→		
Sunrise: Time, Character	4:44 Clear																							
Moonrise	10:11p Clear																							
Sunset: Time, Character																					6:48 Cloudy			
Moonset																					10:32a Clear			
Sunshine (in tenths of hours)					.27 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.5	1.0	1.0	1.0	0.7	0					
Wind direction	W	W	W	W	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	N	NW	NW	W	SW	SW	SW	SW
Wind movement	5	5	5	3	4	4	6	6	9	13	12	13	14	10	12	11	8	5	3	3	8	5	6	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

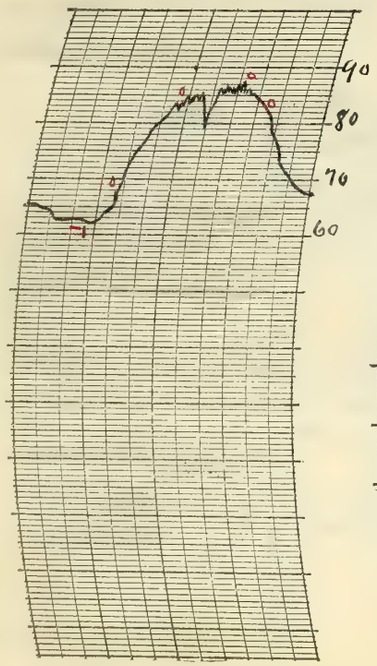
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	61	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.3 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 87
Prevailing wind direction, W Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 21
Maximum velocity, 18 Direction, NW
Time began, 2:20 p.m.
Reduced barometer, 29.89 7 a. m. 29.91 7 p. m.
River gage, 1.6 feet
Relative humidity, 83 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 72.0
Dew-point, 67 R. humidity, 58 V. pressure, .661
Clouds: Amount, 7; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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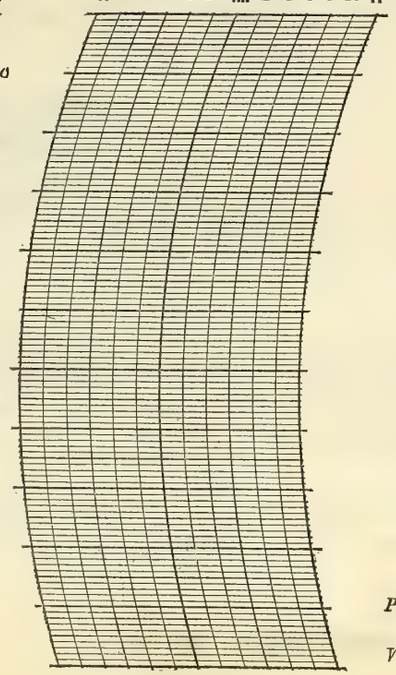

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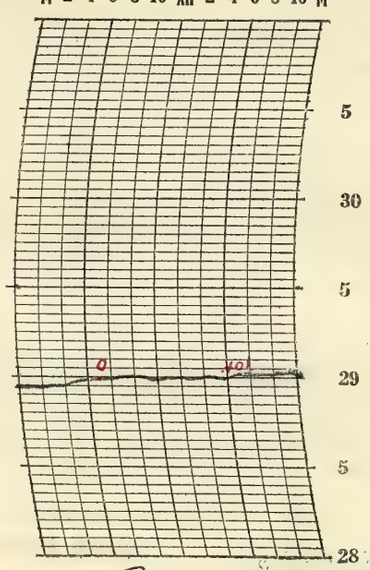


Prepared by O. E. R.

Verified by P. McDonough

8—486

NOTES

The sky was clear the greater part of the time but it became cloudy in a short whill about noon and a light shower fell about 1:00 p.m. A thunderstorm began 12:50 p.m and ended 1:37 p.m. The storm passed from the northwest to the southeast, mostly on the southwest side of the city, and apparently increased in intensity as it progressed. The sky cleared quickly after the storm and remained clear into the night. Stars visible. The temperature rose rapidly and it became rather warm in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 10 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	65	66	67	69	72	77	81	83	84	85	85	86	84	84	83	81	77	76	74	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt cldy						Clear						Pt cldy					
Sunshine (in tenths of hours)					0	0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	7	5	7	8	9	5	6	7	6	8	10	11	10	11	11	11	8	4	2	3	1	2	2	2

Sunrise: Time, 4:45 Character, Cloudy
Moonrise: 10:43p Cloudy
Sunset: Time, 6:47 Character, Cloudy
Moonset: 11:37a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

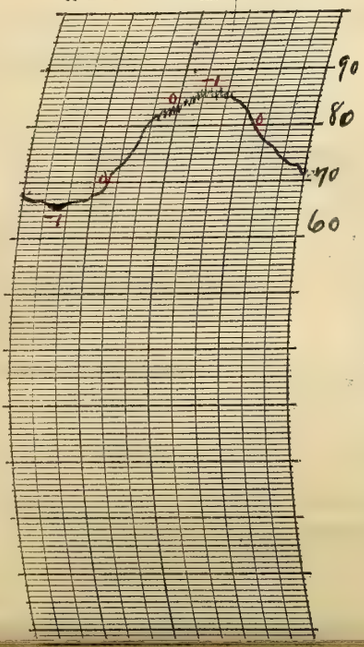
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.1 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 72
Prevailing wind direction N-SW-W Total wind, 156
Average hourly velocity, 6.5 Extreme velocity, 17
Maximum velocity, 15 Direction, W
Time began, 12:41 p.m.
Reduced barometer, 29.96 7 a. m. 29.94 7 p. m.
River gage, 1.6 feet
Relative humidity, 86 7 a. m. 41 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.5 Wet temperature, 65.5
Dew-point, 55 R. humidity, 38 V. pressure, 432
Clouds: Amount, 1; Kind, Ci St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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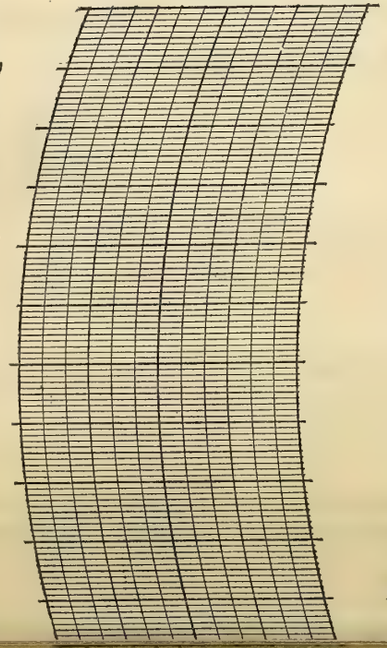
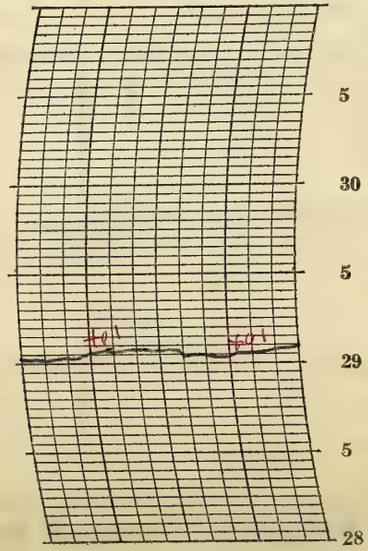


BAROGRAPH.



Prepared by O.E.R.
P. McDonough

NOTES

The sky was mostly clear during the greater part of the day altho it was partly cloudy in the early morning and again at night, a few of the brighter stars visible. Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 11 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	69	68	67	68	70	74	76	68	79	80	82	81	81	82	81	79	78	76	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L				Pt. Cloudy								X		Cloudy				?	
Sunrise: Time, Character,	4:47 Cloudy																							
Moonrise:	11:16p Cloudy?																							
Sunset: Time, Character,																					6:45 Cloudy			
Moonset:																					12:39p Cloudy			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1	0.2	0	0					
Wind direction	N	N	N	N	N	NE	NE	E	E	E	E	SE	SE	NE	E	NE	NE	NE	E	E	E	E	E	E
Wind movement	2	3	1	2	3	4	5	6	7	6	5	5	4	6	5	4	5	6	6	6	9	7	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	66	74	

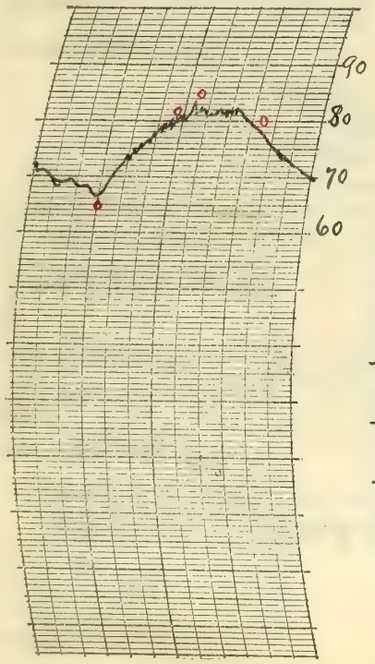
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt Cloudy Moon phase, 3:11 Last Quarter
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 60
Prevailing wind direction, E Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 11:00 P.m.
Reduced barometer, 30.03 7 a. m. 29.92 7 p. m.
River gage, 1.6 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 66.0
Dew-point, 58 R. humidity, 47 V. pressure, 482
Clouds: Amount, 4; Kind, a st a cu; Direction, NW NNW
Velocity of clouds (miles per hour)

THERMOGRAPH



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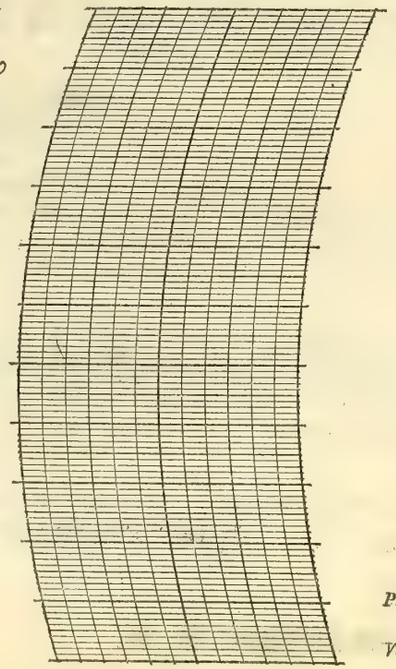
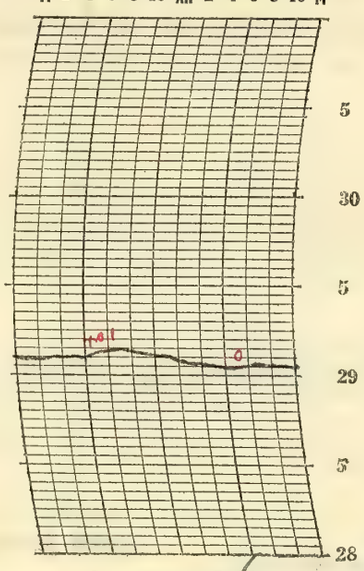


BAROGRAPH.



Prepared by } P. M. Savage
Verified by

8—486

NOTES

The day as a whole was partly Cloudy, with moderate sunshine. About normal temperatures observed, but high humidity made the weather rather oppressive.

A solar halo of 22° radius and 360° circle was observed at 10:45 a.m. It disappeared at 12 noon. The halo was considerably colored.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 12 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	66	62	63	64	67	73	77	78	81	82	81	81	76	74	74	73	72	71	71	70
State of weather: Nature of precipitation and time of beginning and ending					RB 430		RE 615		RB 835	RE 950						RB 310 RE 325	RB 4:15		RE 6:10					
Amounts of precipitation					.01	.21	T		.01	T						T	.02	.02	T					
Cloudiness and other conditions					Cloudy								Cloudy											

Sunrise: Time, 4:48 Character, Cloudy
Moonrise: 11:52 p Cloudy
Sunset: Time, 6:44 Character, Cloudy
Moonset: 1:39 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.8	1.0	1.0	1.0	0.5	0	0	0	0					
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	8	8	6	7	6	6	6	6	4	6	11	10	12	11	11	9	7	6	4	3	5	5	6	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

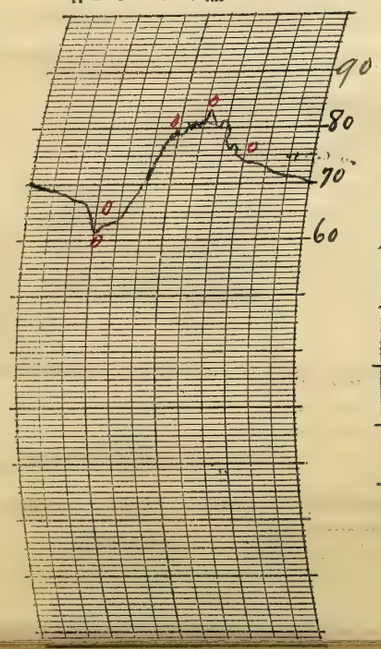
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight 0.27 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 31
Prevailing wind direction, SW Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 3:02 PM
Reduced barometer, 29.89 7 a. m. 29.73 7 p. m.
River gage, 1.6 feet
Relative humidity, 90 7 a. m. 90 7 p. m.

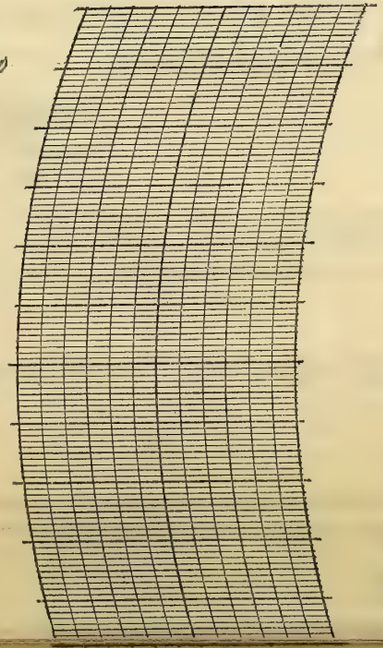
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 72.0
Dew-point, 69 R. humidity, 75 V. pressure, .707
Clouds: Amount, 8; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

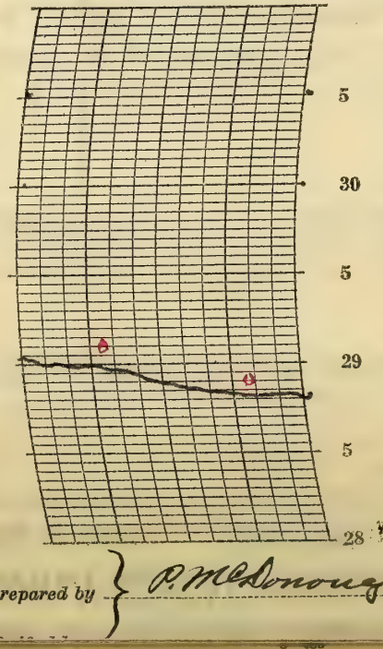
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by } P. McDonough

NOTES

The day was generally Cloudy with showers. Moderate temperature & trained but high humidity made the weather rather oppressive and enervating.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 13 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	67	67	68	70	71	73	75	73	75
State of weather: Nature of precipitation and time of beginning and ending												TB 11:10 RE 11:11
Amounts of precipitation												T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	0.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	13	10	6	5	5	8	8	10	10	10	10	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	76	75	72	71	71	68	66	65	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy					Clear		
Sunshine (in tenths of hours)	0.4	0.3	0	0.1	0.1	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	12	13	12	13	14	12	6	5	4	4	2	3

Sunrise: Time, 4:49 Character, Cloudy
Moonrise: — —
Sunset: Time, 6:43 Character, Cloudy
Moonset: 2:36p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

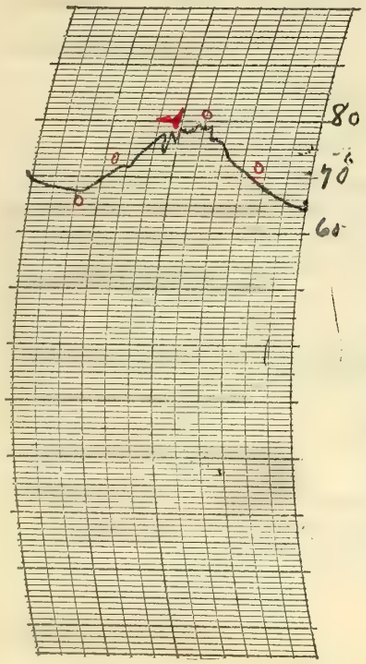
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.0 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 14
Prevailing wind direction, SW Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 18 Direction, NW
Time began, 5:03 PM
Reduced barometer, 29.73 7 p. m. 29.86 7 p. m.
River gage, 1.5 feet
Relative humidity, 90 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 71.5
Dew-point, 70 R. humidity, 84 V. pressure, 732
Clouds: Amount, 5; Kind, Cist. Cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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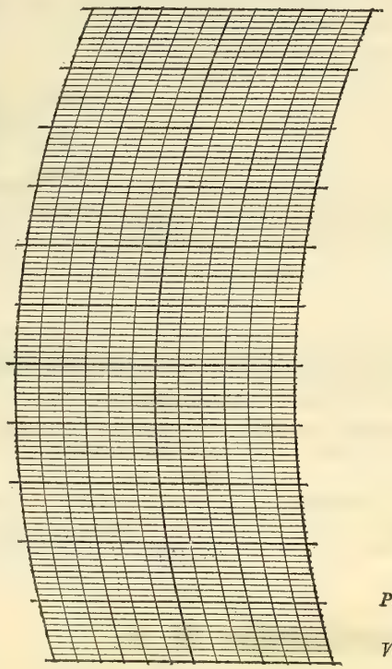
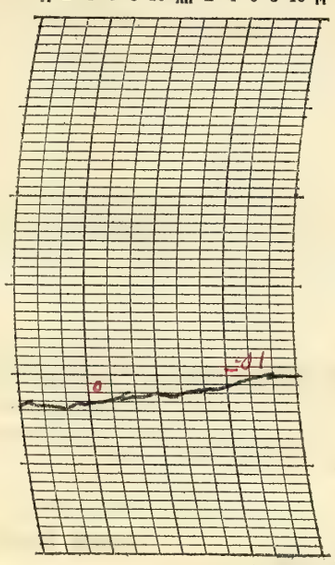


BAROGRAPH.



Prepared by } P. McDonough
Verified by }

8—486

NOTES

Day cloudy and somewhat threatening, but clear in the late night. Moderate temperature obtained with high humidity. Pleasantly cool in the late night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG. 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	63	65	67	73	75	78	79	78	79	80	79	80	79	78	77	72	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		9	Clear							8	Pt Cloudy					8			Clear					9
Sunshine (in tenths of hours)					.17 0	1.0 0	0.6 0.4	1.0	1.0	0.9	1.0	0.8	0.9	1.0	0.5	0.8	1.0	0.8 0.2	.68 0					
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	3	3	3	4	2	2	2	6	4	5	7	9	12	9	9	9	9	6	4	5	4	4	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:50 Character, Clear
Moonrise: 12:32a Clear (9)
Sunset: Time, 6:41 Character, Clear
Moonset: 3:29p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

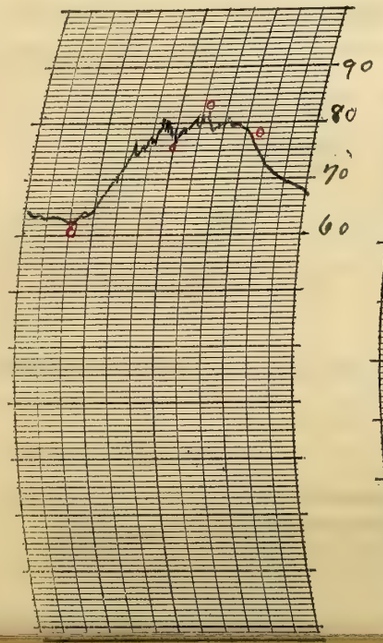
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 93
Prevailing wind direction, N Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 12:18 PM
Reduced barometer, 29.97 7 a. m. 30.00 7 p. m.
River gage, 2.2 feet
Relative humidity, 88 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 67.6
Dew-point, 63 R. humidity, 60 V. pressure, .575
Clouds: Amount, 6; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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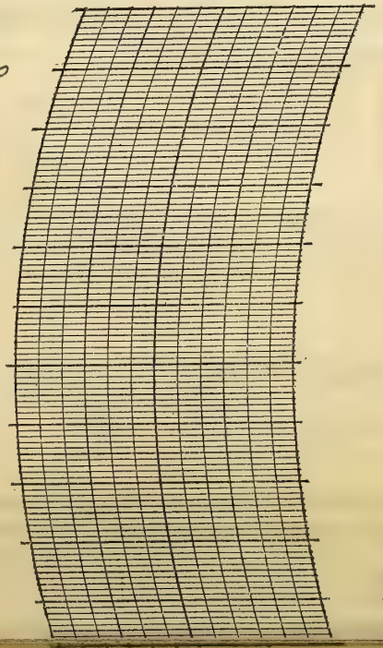

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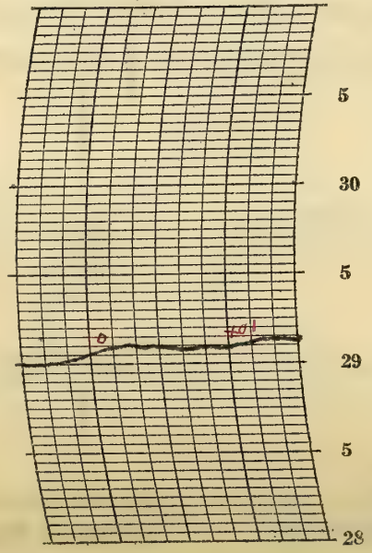


Prepared by } P. McDonough

NOTES

Clear skies in the early and late day, but some cloudiness in the middle portion of the day.

Moderate temperature prevailed and the weather was rather pleasant notwithstanding high humidity.

There was heavy dew in the early morning hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 15 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	64	64	64	66	72	76	78	82	81	82	81	82	82	81	80	79	76	74	70	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		7			Clear						Pt Cloudy											Clear 7		
Sunrise: Time, Character,	4:51 Clear																							
Moonrise:	1:16 a Clear!?																							
Sunset: Time, Character,																					6:40 Cloudy			
Moonset:																					4:19 p Cloudy			
Sunshine (in tenths of hours)					.25 0	1.0 0	.02 .08	1.0	0.8	0	0.7	0.8	0.8	0	0	0.7	0.4	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	NW	NE	NE	SW	NE	NE	E	E	SE	SE	SE	O	SE	E	E
Wind movement	4	3	2	3	2	2	2	2	2	2	5	4	4	3	3	3	3	2	2	2	0	1	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

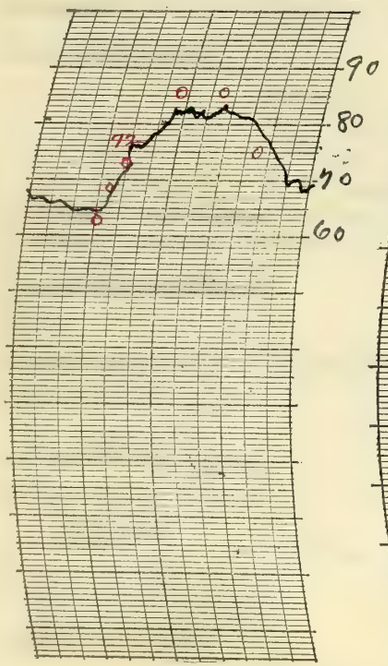
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 54
Prevailing wind direction, N Total wind, 63
Average hourly velocity, 2.6 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 11:02 am
Reduced barometer, 30.11 7 a. m. 30.06 7 p. m.
River gage, 2.1 feet
Relative humidity, 85 7 a. m. 50 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

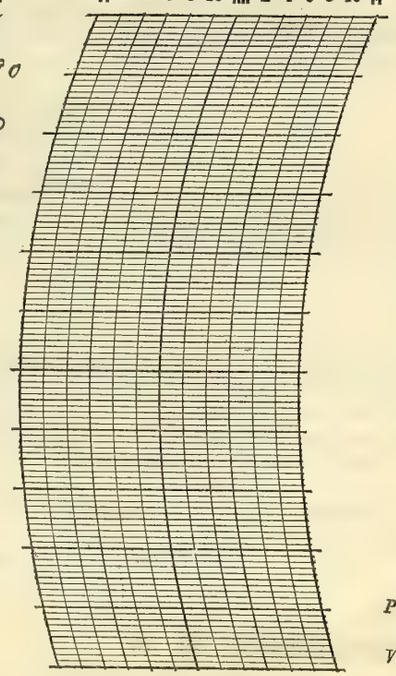
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 65.0
Dew-point, 56 R. humidity, 42 V. pressure, 448
Clouds: Amount, 5; Kind, Cu.; Direction, NE
Velocity of clouds (miles per hour)

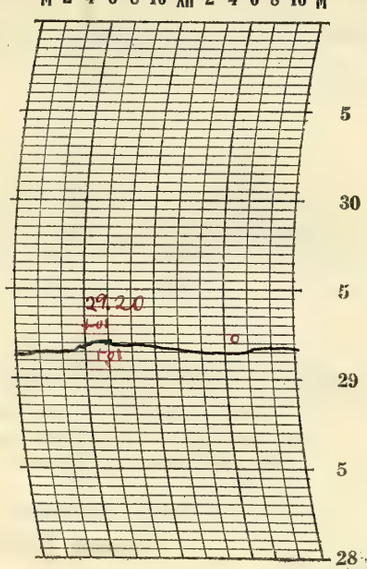
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J. P. McDonough

Verified by

8—486

NOTES

There was heavy dew in the early morning hours.

The day was generally partly cloudy, except clear in the early part and late night.

Moderate temperatures obtained.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	64	63	62	64	68	76	82	85	86	88	88	88	88	89	88	85	84	80	75	74	73	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		T					Clear						Clear		Pt. Cldy				Clear					
Sunshine (in tenths of hours)					.13 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.5 0					
Wind direction	NE	E	E	NE	NE	NE	E	O	E	SE	S	S	SW	SW	SW	W	W	SW	SW	O	SW	NE	NE	O
Wind movement	3	1	2	1	4	2	3	0	3	4	4	6	7	7	7	5	4	3	1	0	1	2	3	0
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:52 Character, Clear
Moonrise: 2:04a Clear (?)
Sunset: Time, 6:39 Character, Cloudy
Moonset: 5:04p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

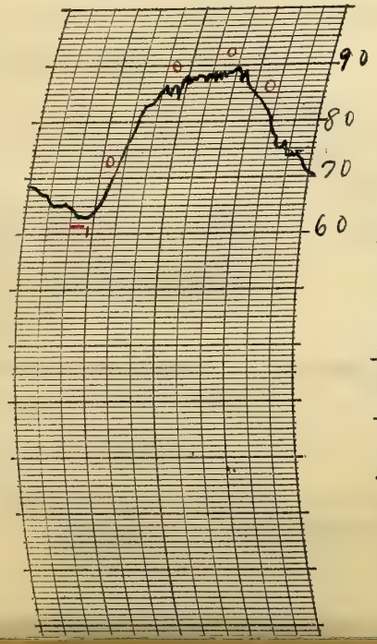
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 99
Prevailing wind direction, NE-SW Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 1:02 PM.
Reduced barometer, 30.12 7 a. m. 30.07 7 p. m.
River gage, 1.8 feet
Relative humidity, 85 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.0 Wet temperature, 67.0
Dew-point, 54 R. humidity, 32 V. pressure, 417
Clouds: Amount, 2; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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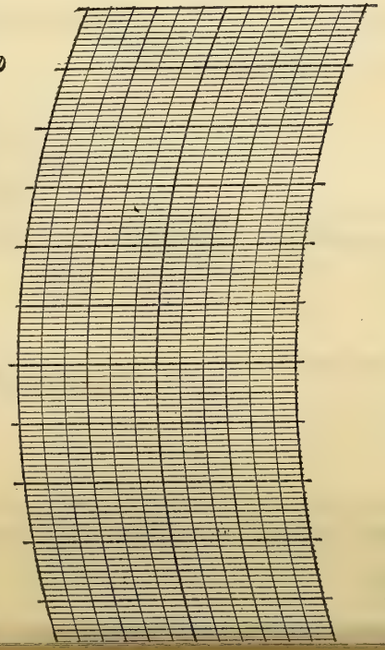
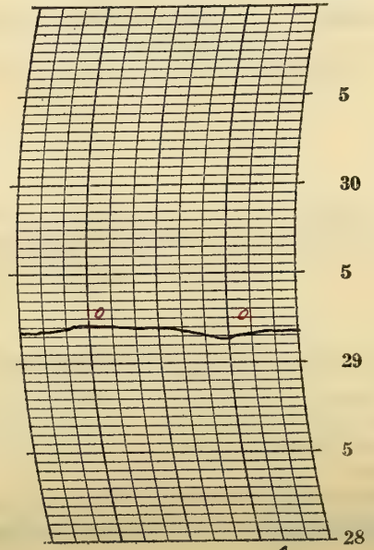


BAROGRAPH.



Prepared by P. McDonough

Verified by

NOTES

Generally clear and warm, with light variable winds. The highest temperature of the month, 89.3°, occurred on this date.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	66	66	65	67	70	80	84	87	87	87
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		?	Lt. smoke									
					Clear							
Sunshine (in tenths of hours)					.12 0	1.0 0	0.4 .6	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	0	NE	NE	NE	NE	NE	NE	S	S	S	SE
Wind movement	1	0	1	1	1	1	1	2	2	5	5	5

Sunrise: Time, 4:53 Character, Clear

Moonrise: 2:57a Clear(?)

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	91	91	89	88	87	85	81	81	78	77	77
Nature of precipitation and time of beginning and ending										RB 7.25 RE 7.30		RB 8.20 T Cont'd
Amounts of precipitation										T		.01
Cloudiness and other conditions		Clear								Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	SW	S	S	S	S	S	SE	NE	E	S	NE	NE
Wind movement	6	4	5	5	4	4	2	4	3	2	3	3

Sunset: Time, 6:37 Character, Cloudy

Moonset: 5:45p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.01 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.5 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 77

Prevailing wind direction, NE Total wind, 73

Average hourly velocity, 3.0 Extreme velocity, 8

Maximum velocity, 8 Direction, S

Time began, 1:28 PM

Reduced barometer, 30.13 7 a. m. 30.06 7 p. m.

River gage, 1.9 feet

Relative humidity, 74 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

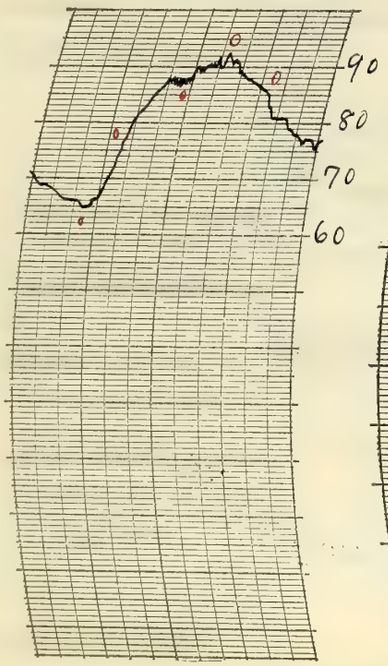
Dry temperature, 87.0 Wet temperature, 68.0

Dew-point, 58 R. humidity, 38 V. pressure, .482

Clouds: Amount, 3; Kind, a.St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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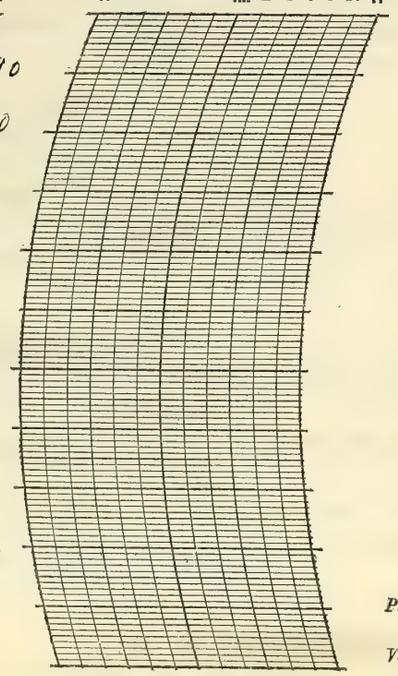
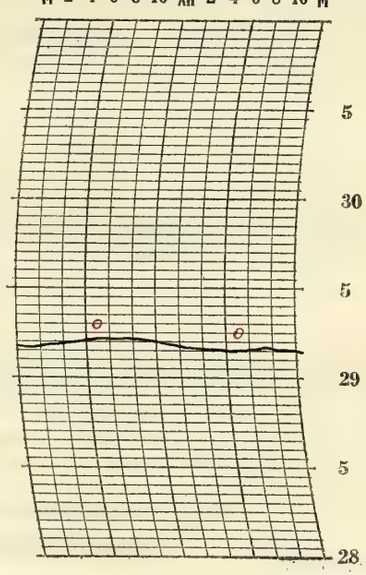


BAROGRAPH.



Prepared by } J. McDonough

Verified by }

8—486

NOTES

Owing to light wind light smoke hung over the city from the early morning until about 8 am.

The day was largely partly cloudy, but night was cloudy with showers in the late pm. The weather was intensely warm and muggy during most of the day, the temperature reaching the highest point (92°) of the month thus far. Winds were light and variable.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 18 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	72	72	71	70	71	72	75	78	81	84	85
State of weather: Nature of precipitation and time of beginning and ending	RE B.N.	RB 1.25	RE B.N.	RB B.N.	RE 4.55							
Amounts of precipitation	.01	.05	T	.02	.18							
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	SE	SW	SW	SW	W	SW	NW	S	S	SW	SW	NW
Wind movement	4	6	4	3	6	1	3	5	8	7	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	88	88	87	85	84	81	78	76	75	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy					Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	NW	W	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	11	11	9	9	9	5	3	4	4	4	3	3

Sunrise: Time, 4:54; Character, Cloudy

Moonrise: 3:52 a Cloudy

Sunset: Time, 6:36; Character, Cloudy

Moonset: 6:22 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	70	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., .27 ins.; to 7 p. m., .6 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Pt Cloudy Moon phase, ____

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 11.0 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 80

Prevailing wind direction, N Total wind, 135

Average hourly velocity, 5.6 Extreme velocity, 17

Maximum velocity, 15 Direction, W

Time began, 12:37 PM

Reduced barometer, 30.06 7 a. m. 29.99 7 p. m.

River gage, 2.0 feet

Relative humidity, 89 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

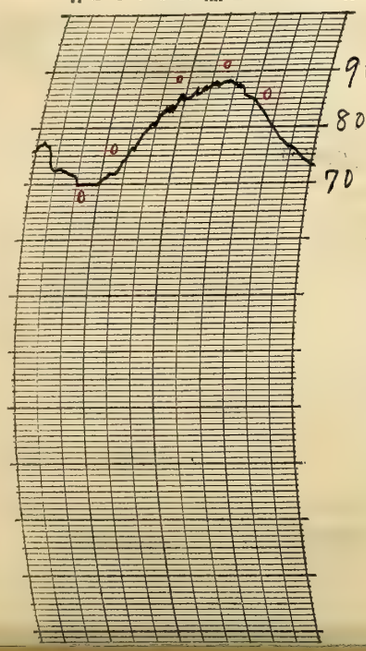
Dry temperature, 85.0 Wet temperature, 73.0

Dew-point, 68 R. humidity, 56 V. pressure, .684

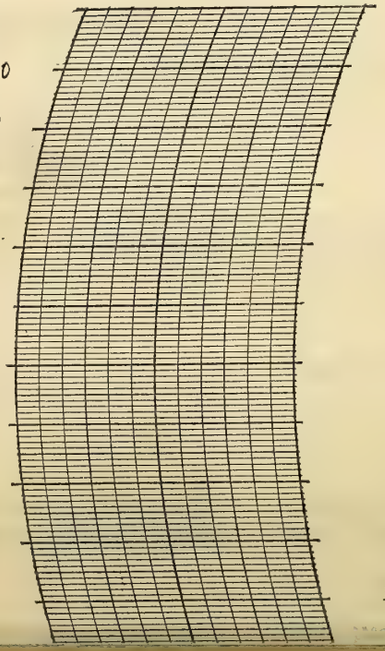
Clouds: Amount, 7; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour) ____

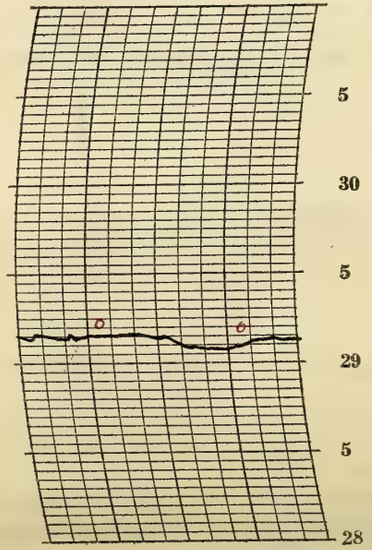
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by A. McAdoo

Verified by

NOTES

A thunderstorm began at 1:25 am and ended 2:00 am. A second thunderstorm began 4:00 a.m. and ended 4:55 am. Both storms were accompanied by rain.

Day generally partly cloudy and extremely warm and oppressive. Very unpleasant and quite enervating weather. Variable winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 19 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	71	70	70	69	73	79	83	85	86	88	88	89	90	87	84	81	80	76	74	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																						RB 925 RE 940		
Amounts of precipitation																						T		
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					.08 0	1.0 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0					
Wind direction	N	N	N	N	N	N	NW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	W
Wind movement	3	3	1	1	1	3	3	5	4	5	6	8	9	9	11	12	11	9	8	7	7	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudiness: Clear — Clear — Partly — Cloudy — 7

Sunrise: Time 4:55, Character Clear
Moonrise: 4:50a Clear (?)
Sunset: Time 6:34, Character Cloudy
Moonset: 4:55p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

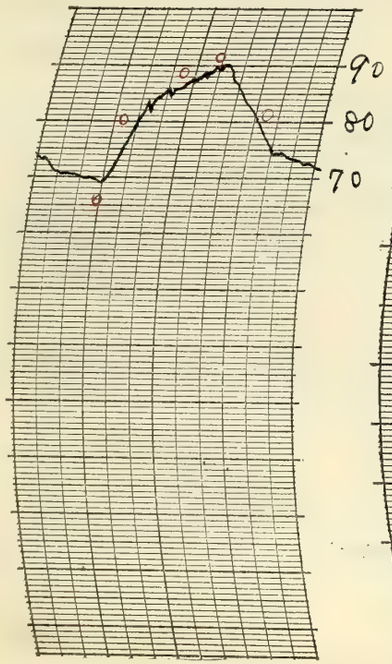
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, New — 7:15 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 76
Prevailing wind direction, N Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 4:17 P.m.
Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.
River gage, 1.7 feet
Relative humidity, 81 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.8 Wet temperature, 73.4
Dew-point, 67 R. humidity, 51 V. pressure, .661
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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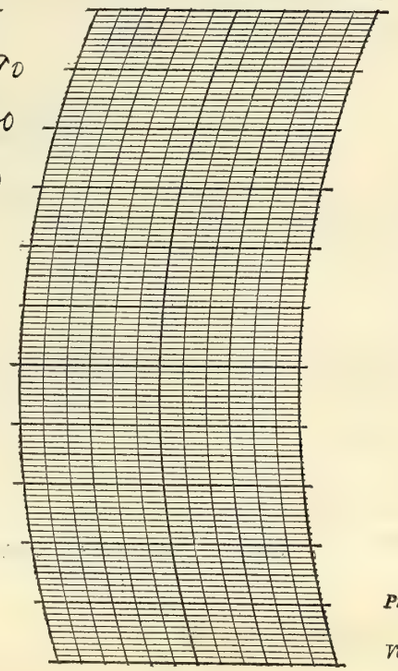
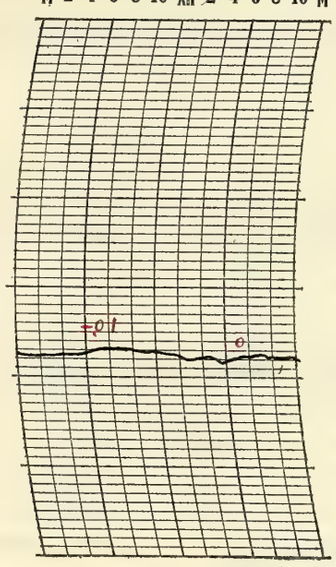


BAROGRAPH.



Prepared by } P. McDonough
Verified by

8—486

NOTES

Increasing cloudiness after the morning observation, the latter part of day and night being cloudy. Threatening in the late afternoon, and a light sprinkling of rain occurred between 9:25 pm and 9:40 pm. The day was intensely warm and humid, but a fall in temperature about sunset brought some relief.

Form No. 1014-McU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 20 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	71	69	69	70	71	72	75	78	78	77
Nature of precipitation and time of beginning and ending												RB 11:02 RE 11:50
Amounts of precipitation												T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	W	W	NW	NW	NW	N	N	N	NW	W	SW
Wind movement	3	3	3	4	3	2	2	3	3	3	4	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	71	74	67	69	69	69	68	66	65	64	63
Nature of precipitation and time of beginning and ending				RB 3:16 RE 3:51				RB 7:25 RE 7:40				
Amounts of precipitation				.01				T				
Cloudiness and other conditions	Cloudy							Cloudy				
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	W	NW	W	W	W	NW	NW	NW	NW	NW
Wind movement	10	12	10	13	5	5	7	7	5	8	11	10

Sunrise: Time, 4:56 Character, Cloudy

Moonrise: 5:48a Cloudy

Sunset: Time, 6:33 Character, Cloudy

Moonset: 7:26p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	63	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind, 144

Average hourly velocity, 6.0 Extreme velocity, 26

Maximum velocity, 23 Direction, NW

Time began, 3:16 p.m.

Reduced barometer, 30.01 7 a. m. 29.92 7 p. m.

River gage, 1.5 feet

Relative humidity, 73 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

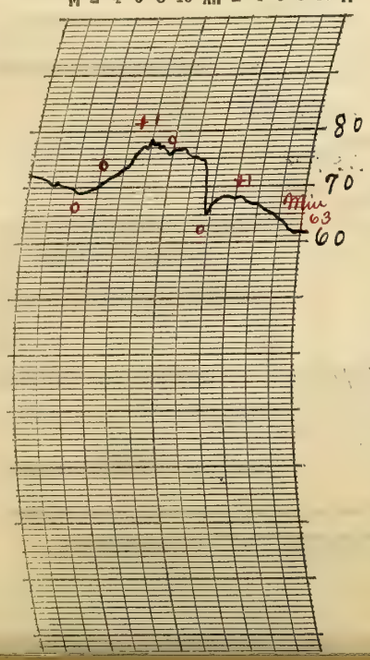
Dry temperature, 77.0 Wet temperature, 69.0

Dew-point, 65 R. humidity, 67 V. pressure, .616

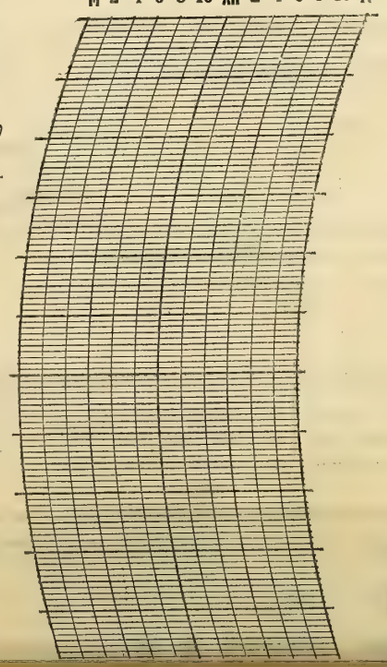
Clouds: Amount, 10; Kind, Nb; Direction, W

Velocity of clouds (miles per hour)

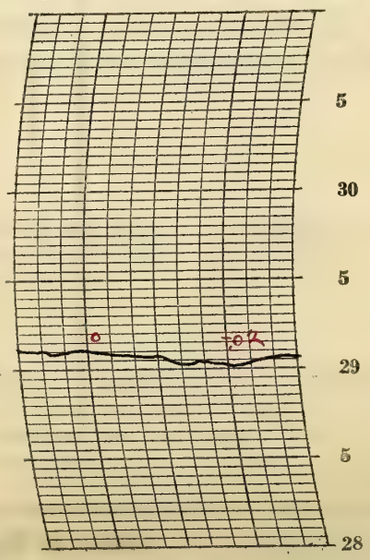
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by J. McDonough

NOTES

The sky was mostly overcast all day and light showers occurred. It cleared somewhat late at night.

It was considerably cooler than on the previous date and temperatures slightly below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 21 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	58	58	60	63	67	68	69	69	70	71	73	72	72	71	69	66	64	62	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.05 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.6 0.4	.52 0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	8	7	5	7	6	7	10	9	10	10	10	9	10	7	9	7	8	6	3	4	3	5	5	6

Sunrise: Time, 4:57 Character, Clear
Moonrise: 6:48a Clear
Sunset: Time, 6:31 Character, Clear
Moonset: 7:54p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

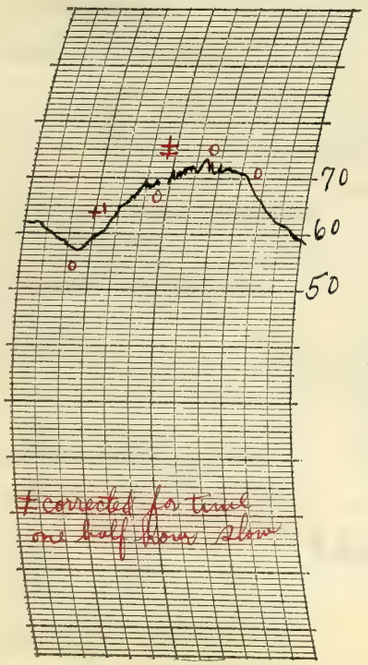
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	57	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.1 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 96
Prevailing wind direction, NE Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 16
Maximum velocity, 14 Direction, NE
Time began, 6:58 am
Reduced barometer, 30.11 7 a. m. 30.13 7 p. m.
River gage, 1.5 feet
Relative humidity, 82 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.4 Wet temperature, 57.2
Dew-point, 48 R. humidity, 47 V. pressure, 334
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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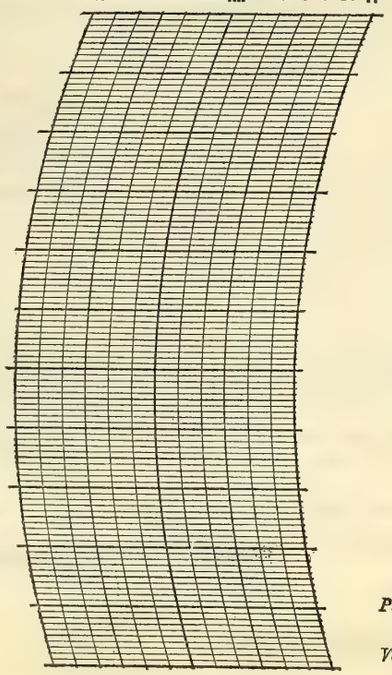

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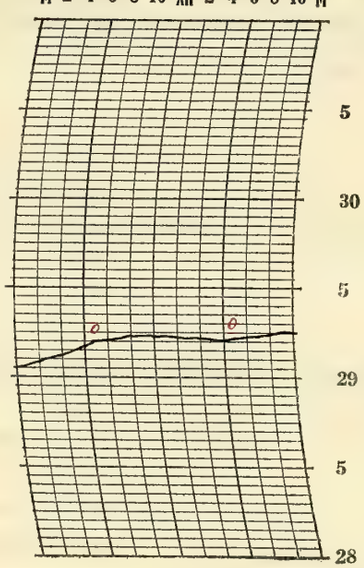


Prepared by O.G.R.
Verified by P. McDonough

8—486

NOTES

The sky was mostly clear altho some lower clouds persisted until night fall when it became cloudless. Stars bright. Thin crescent of New Moon visible.
The weather was fine altho temperatures were somewhat below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 22 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	55	54	60	63	67	71	73	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0.3	0	0.4	0.6	1.0	1.0	1.0	1.0
Wind direction	E	E	E	SE	SE	SE	S	S	S	SE	SE	SE
Wind movement	5	5	4	3	2	2	6	7	6	5	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	78	77	78	75	74	71	70	67	65	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	5	5	6	4	5	4	5	4	5	6	1	2

State of weather: Clear

Sunrise: Time, 4:58 Character, Clear

Moonrise: 7:48a Clear

Sunset: Time, 6:30 Character, Cloudy

Moonset: 8:22p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 96

Prevailing wind direction, SE Total wind, 107

Average hourly velocity, 4.5 Extreme velocity, 10

Maximum velocity, 10 Direction, S

Time began, 6:49 am.

Reduced barometer, 30.267 a. m. 30.177 p. m.

River gage, 1.4 feet

Relative humidity, 71 7 a. m. 35 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

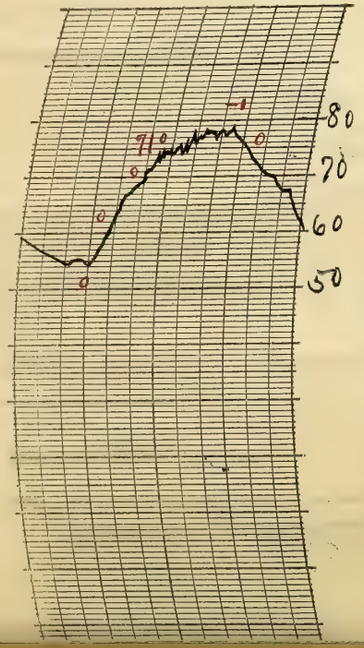
Dry temperature, 74.5 Wet temperature, 60.0

Dew-point, 50 R. humidity, 42 V. pressure, .360

Clouds: Amount, Few; Kind, Ci; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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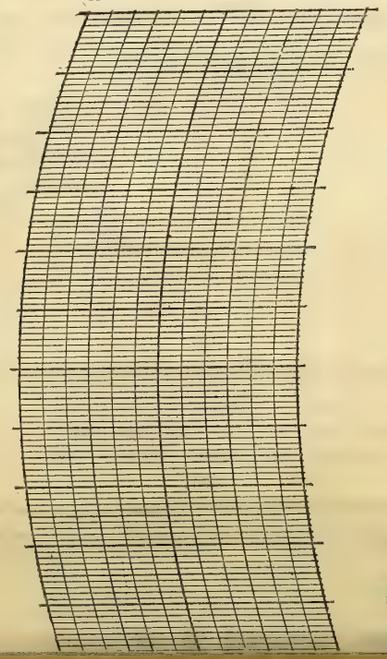
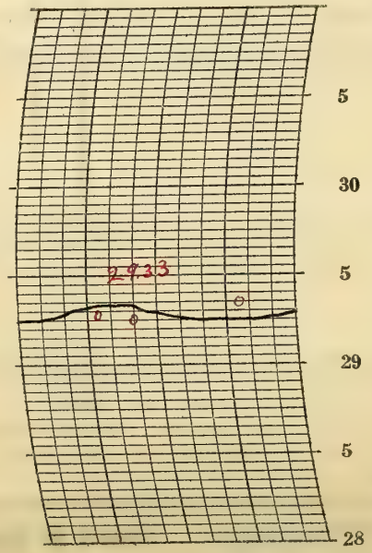


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

NOTES

Only a few clouds appeared during the day. Stars brilliant at night.

Very pleasant weather with moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 23 1925, 192

Time (local standard) 90 " mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	57	55	54	54	58	65	71	78	80	82	83	84	84	84	83	82	80	76	74	71	67	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear						←		Haze			→		
Sunshine (in tenths of hours)					.02 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.47 0					
Wind direction	SE	SE	SE	E	E	E	E	E	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E
Wind movement	2	2	3	6	3	3	5	2	4	4	6	6	6	6	6	6	6	5	4	5	6	1	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:59 Character, Clear
Moonrise: 8:50 a Clear

Sunset: Time, 6:28 Character, Clear
Moonset: 8:50 p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

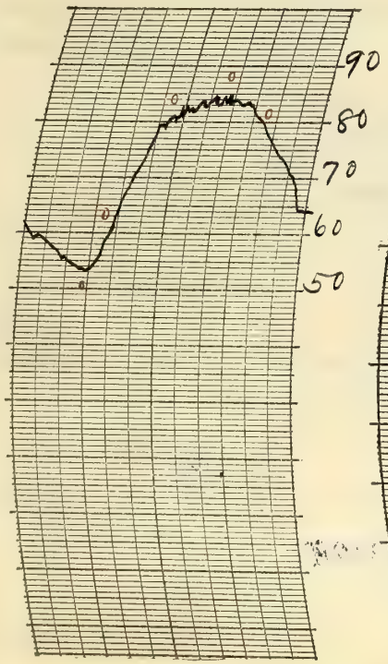
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	53	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:52 p.m.
Reduced barometer, 30.31 7 a. m. 30.28 7 p. m.
River gage, 1.4 feet
Relative humidity, 72 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 59.0
Dew-point, 40 R. humidity, 23 V. pressure, .247
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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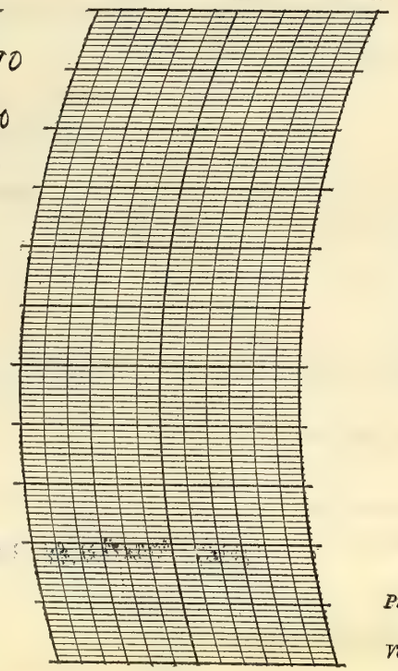
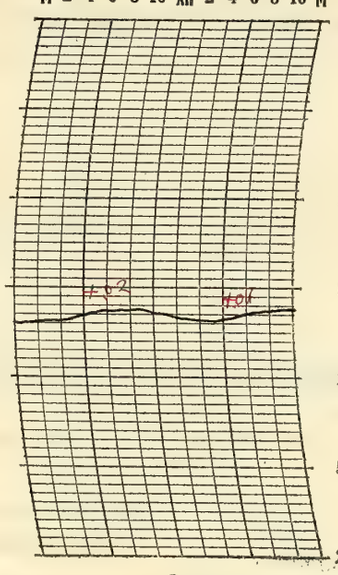


BAROGRAPH.



Prepared by O. E. K.
Verified by P. McDonough

8—486

NOTES

The sky was cloudless all day altho there was a light haze in the evening. Stars brilliant.

The temperature rose rapidly from early morning. The relative humidity was rather low.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 24 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	59	57	57	61	69	75	78	80	82	83	84	85	84	85	83	81	76	73	72	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						1.00 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	SE	SE	SE	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE
Wind movement	1	2	1	3	3	4	3	4	4	6	5	6	7	7	5	5	5	4	2	1	3	1	2	2

Sunrise: Time, 5:00 Character, Clear
Moonrise: 9:54 a Clear

Sunset: Time, 6:27 Character, Cloudy
Moonset: 9:20 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

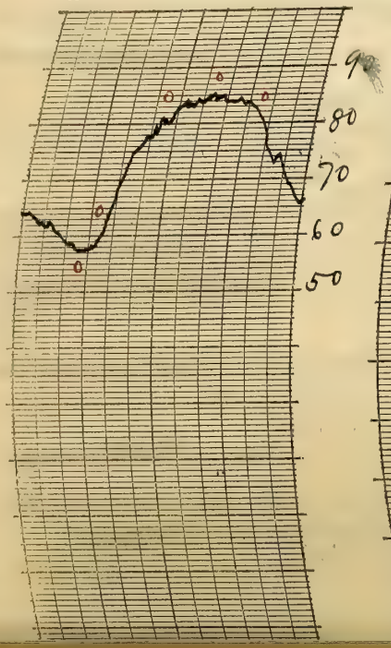
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	57	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 90
Prevailing wind direction, SE Total wind, 86
Average hourly velocity, 3.6 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 12:56 p.m.
Reduced barometer, 30.41 7 a. m. 30.35 7 p. m.
River gage, 1.3 feet
Relative humidity, 70 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 62.0
Dew-point, 48 R. humidity, 31 V. pressure, 334
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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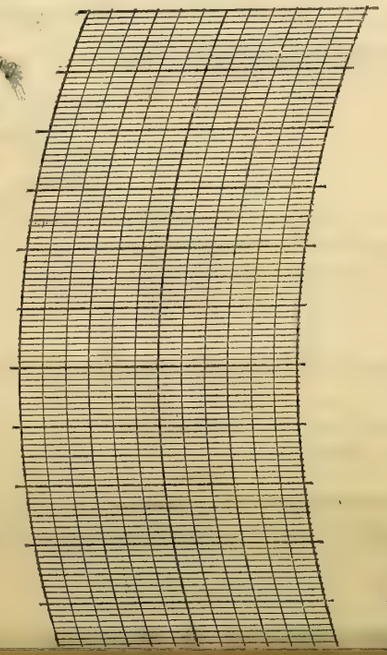
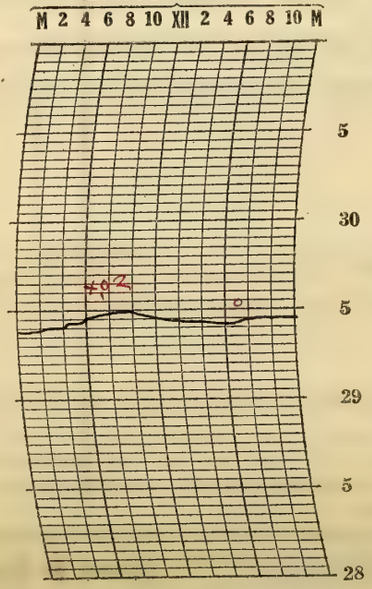


BAROGRAPH.



Prepared by O.W.P.
Verified by P. McDonough

NOTES

The sky was cloudless until late afternoon when when a small amount of upper clouds appeared. Clear into the night. Moderate temperatures

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 25 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	58	59	62	72	77	81	84	85	87	88	89	89	89	85	82	79	73	72	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						1.00 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.42 0					
Wind direction	SE	SE	SE	NE	NE	NE	E	E	E	NE	SE	S	S	S	SE	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	2	1	2	4	2	3	2	3	5	3	4	4	4	4	2	3	5	4	3	1	1	1	2

Sunrise: Time, 5:00 Character, Clear
Moonrise: 10:56a Clear
Sunset: Time, 6:25 Character, Clear
Moonset: 9:53p Clear

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

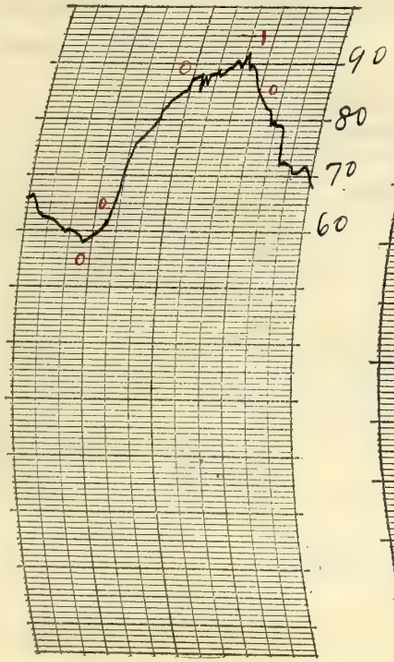
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	58	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 68
Average hourly velocity, 2.8 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 12:50 p. m.
Reduced barometer, 30.43 7 a. m. 30.29 7 p. m.
River gage, 1.4 feet
Relative humidity, 74 7 a. m. 30 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 60.5
Dew-point, 42 R. humidity, 22 V. pressure, .266
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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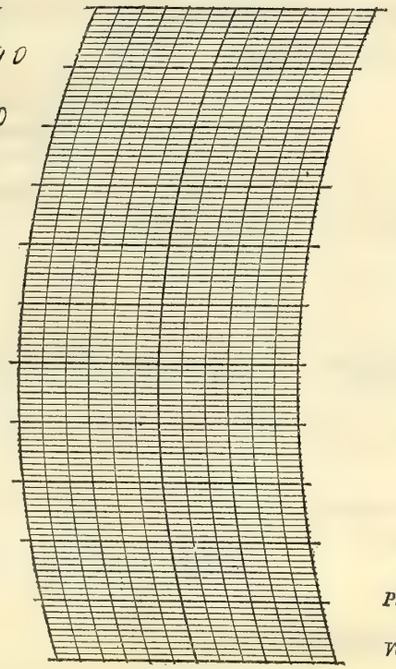
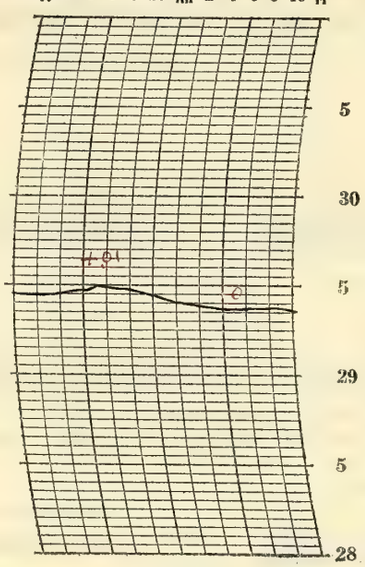


BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

The sky was cloudless except for a few upper clouds in the evening. Clear into the night with moonlight.

The temperature ranged from 58° in the early morning to 91° in the afternoon. It was rather hot in the sun but not so uncomfortable in the shade on account of the low humidity.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 26 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	64	63	63	61	64	70	77	84	86	87	88	83	79	80	80	79	77	73	71	68	66	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						9.7 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	N	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	3	4	5	4	3	5	5	4	6	7	8	9	10	12	8	8	4	7	6	9	14	14	12	12

Cloudiness: ← Pt cldy × — Cloudy haze × → Clear →

Sunrise: Time, 5:02 Character, Clear

Moonrise: 12:02p Cloudy

Sunset: Time, 6:24 Character, Cloudy

Moonset: 10:31p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	61	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt cloudy Moon phase, Full Quarter 10:46 p.m.

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.6 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 64

Prevailing wind direction, SW Total wind, 179

Average hourly velocity, 7.5 Extreme velocity, 23

Maximum velocity, 18 Direction, NE

Time began, 8:58 pm

Reduced barometer, 30.26 7 a. m. 30.16 7 p. m.

River gage, 1.4 feet

Relative humidity, 66 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

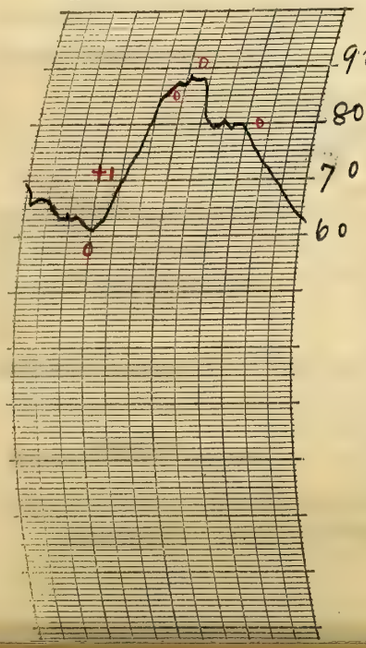
Dry temperature, 87.0 Wet temperature, 66.5

Dew-point, 55 R. humidity, 33 V. pressure, 432

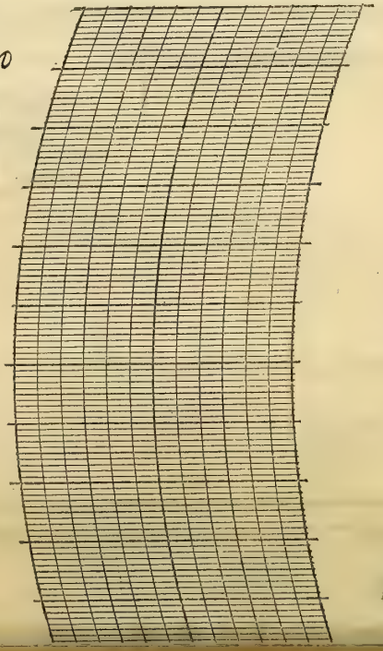
Clouds: Amount, 5; Kind, a cu.; Direction, NW

Velocity of clouds (miles per hour)

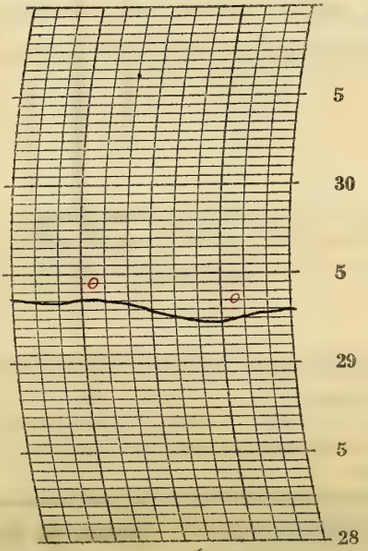
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.E.R.

Verified by P. McDonough

NOTES

The sky was cloudless until near 11 am when the clouds came in quite rapidly from the northwest. The sky remained overcast during the afternoon and there was light haze in the evening. It cleared in a short while after the p.m. observation and there was moonlight at night.

It became quite warm about noon but was cooler and more pleasant at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	58	56	54	53	53	56	60	64	67	70	72	74	75	77	75	74	71	68	65	63	60	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						0.95 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	3.7 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE
Wind movement	12	12	10	9	8	8	9	10	8	7	7	7	10	11	10	13	13	11	10	9	9	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:03 Character, Clear
Moonrise: 1:10 p Clear
Sunset: Time, 6:22 Character, Clear
Moonset: 11:14 p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

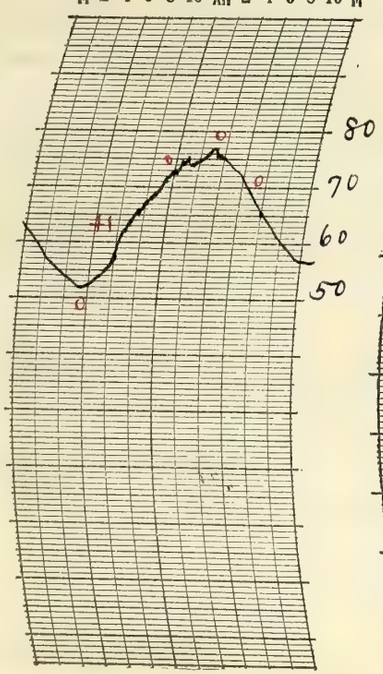
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.3 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 12:22 am
Reduced barometer, 30.267 a. m. 30.207 p. m.
River gage, 1.4 feet
Relative humidity, 74 7 a. m. 53 7 p. m.

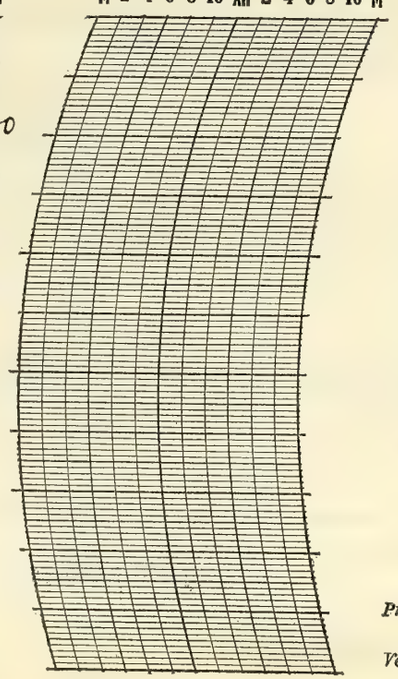
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.1 Wet temperature, 61.2
Dew-point, 54 R. humidity, 54 V. pressure, .417
Clouds: Amount, 2; Kind Stcu; Direction, NE
Velocity of clouds (miles per hour)

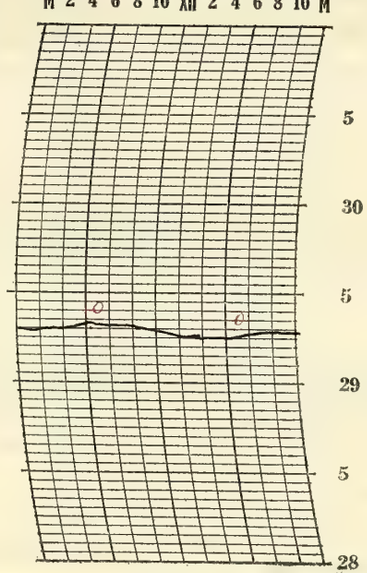
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEK

Verified by P. McDonough

8—486

NOTES

The day was clear and cool and it was quite pleasant. Clear into the night with moonlight.

Form No. 1014—McU'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	54	53	55	57	63	69	74	76	77	80	81	82	82	82	80	74	70	67	65	64	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear														
Sunshine (in tenths of hours)						.9 3 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.35 0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	9	8	9	7	7	9	9	7	6	7	7	6	7	7	8	7	6	7	8	7	8	8	5

Sunrise: Time, 5:04 Character, Clear
Moonrise: 2:15p Clear

Sunset: Time, 6:21 Character, Clear
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

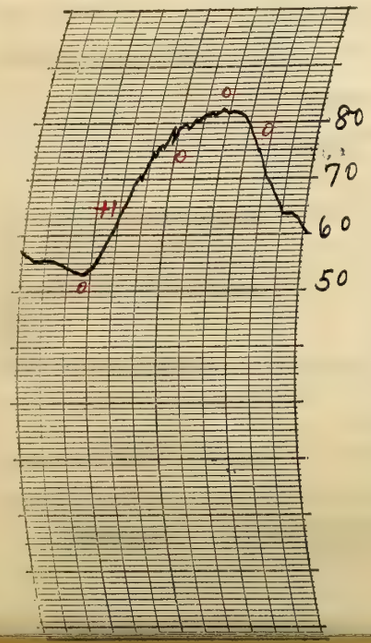
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	53	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.3 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 7:26 am
Reduced barometer, 30.23 7 a. m. 30.187 p. m.
River gage, 1.4 feet
Relative humidity, 83 7 a. m. 40 7 p. m.

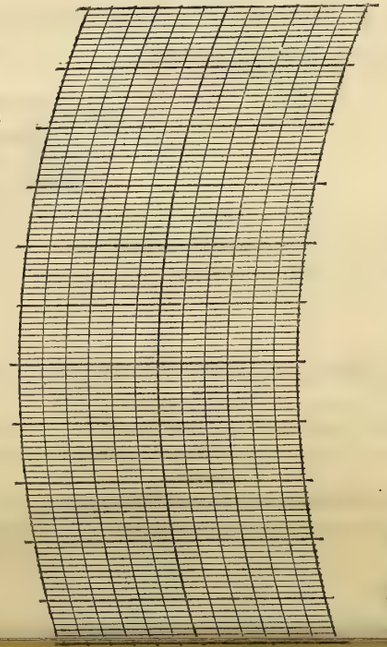
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 61.0
Dew-point, 50 R. humidity, 39 V. pressure, 360
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

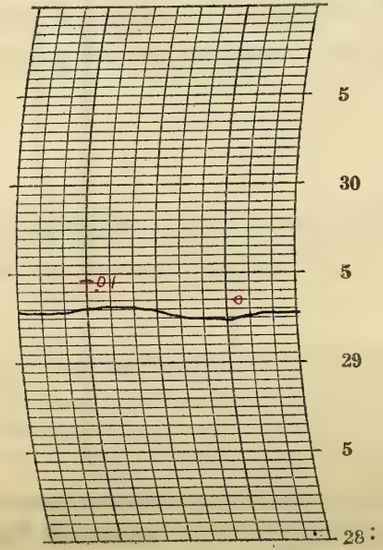
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R. P. McDonough

NOTES

The day was clear and the weather fine with a range of about 30° in temperature. Clear at night with moonlight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 29 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	56	60	66	72	78	83	85	87	91	92	91	89	87	85	79	77	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←										Clear						←		Lt Smoke		→			
Sunshine (in tenths of hours)						9.3 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.32 0					
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	S	E	SE	S	E	NE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	6	5	5	5	4	6	5	4	2	2	3	4	4	3	3	3	4	2	3	2	1	3	4	3

Sunrise: Time, 5:04 Character, Clear
Moonrise: 3:19 p Clear
Sunset: Time, 6:19 Character, Clear
Moonset: 12:06 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

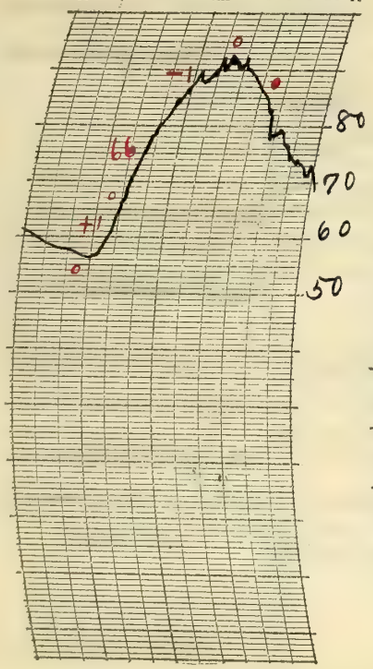
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	56	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 86
Average hourly velocity, 3.6 Extreme velocity, 6
Maximum velocity, 6 Direction, NE
Time began, 12:10 am
Reduced barometer, 30.23 7 a. m. 30.14 7 p. m.
River gage, 1.5 feet
Relative humidity, 84 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.3 Wet temperature, 63.5
Dew-point, 49 R. humidity, 29 V. pressure, 34.7
Clouds: Amount, Few; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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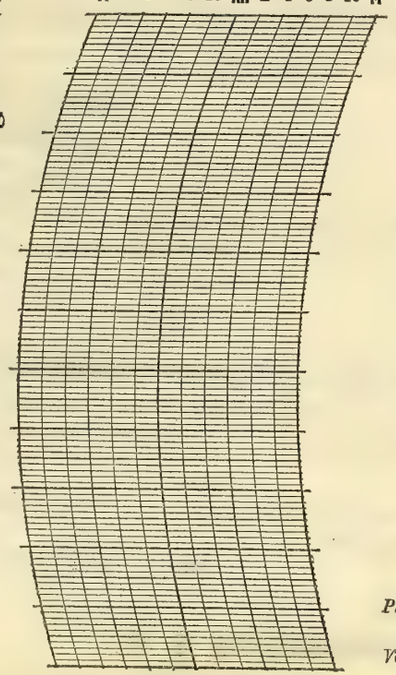
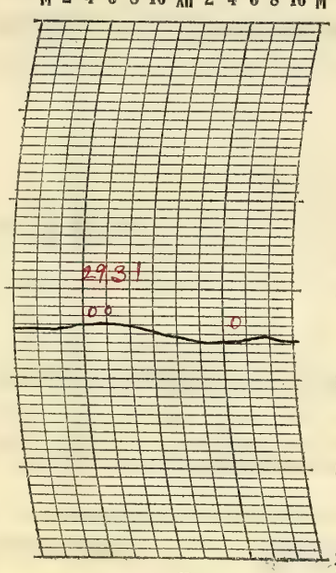


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES

There were very few clouds in the sky during the day. Light smoke settled over the city in the late afternoon when the wind became very weak. Moonlight at night.

It was cool in the early morning but the temperature rose rapidly and it became hot in the afternoon. The total range in temperature was 36°.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	66	66	67	67	69	75	81	87	90	92	92	93	93	92	91	87	85	83	80	79	77	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear								X Pt cldy	X cldy			
Sunshine (in tenths of hours)						.92 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	SE	SE	0	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N	N
Wind movement	1	1	0	2	3	6	7	8	12	12	14	14	14	15	14	16	15	13	10	9	9	6	4	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:05 Character, Clear
Moonrise: 4:16p Cloudy
Sunset: Time, 6:17 Character, Cloudy
Moonset: 1:06a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

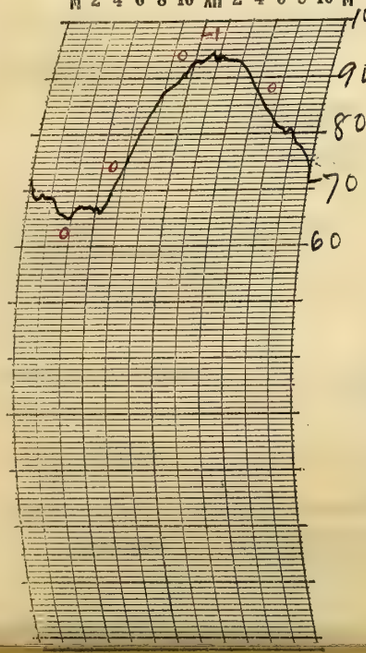
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	65	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 1:38 p.m.
Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.
River gage, 1.2 feet
Relative humidity, 75 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 72.0
Dew-point, 62 R. humidity, 38 V. pressure, .555
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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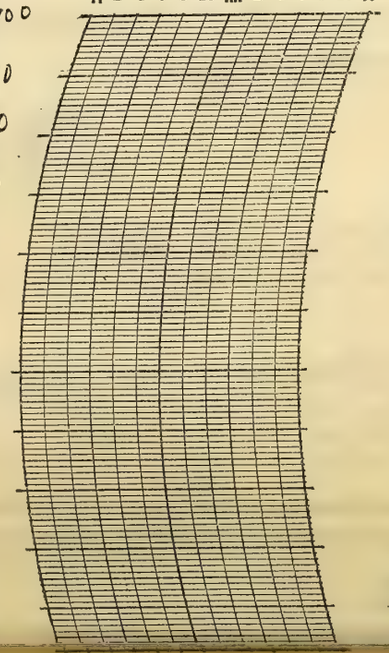
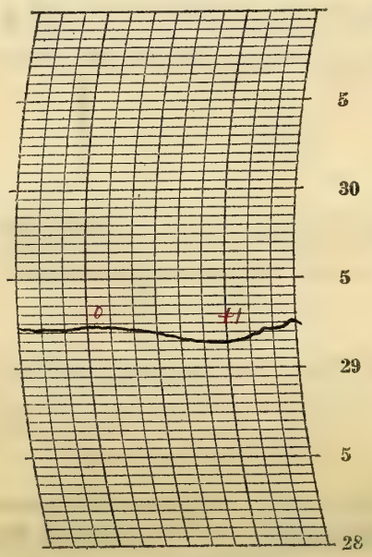


BAROGRAPH.



Prepared by O.E.P.
P. McDonough

NOTES

The sky was cloudless until late afternoon. The clouds gradually increased after dark and it became cloudy late at night. There was moonlight in the early part of the night. Reflection from distant lightning observed about 8:00 p.m. to the northwest.

The temperature was considerably above the normal and it became very hot in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 31 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	68	69	72	75	77	80	82	83	85	86	86	86	85	82	80	78	77	73	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←						Clear					×	Pt cldy			×	Clear		×	Pt cldy				→
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.6 0	0					
Wind direction	N	NE	NE	NE	NE	N	NW	SW	N	N	NE	N	NW	N	N	N	N	N	N	N	N	N	N	N
Wind movement	3	3	3	2	3	2	3	4	5	4	5	5	4	7	8	10	8	7	4	5	5	5	5	5

Sunrise: Time, 5:07 Character, Cloudy
Moonrise: 5:07p Cloudy
Sunset: Time, 6:16 Character, Cloudy
Moonset: 2:13a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

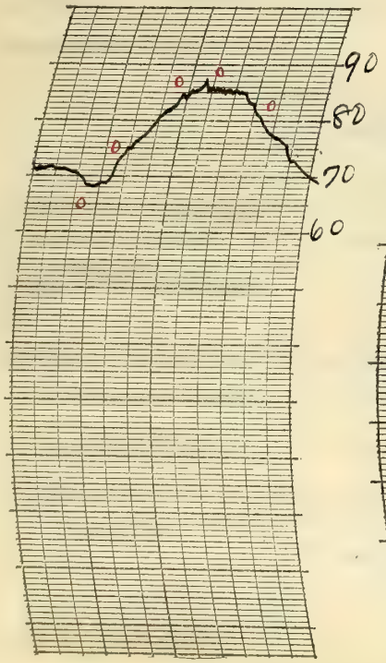
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.7 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 81
Prevailing wind direction, N Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 3:50 pm.
Reduced barometer, 30.21 7 a. m. 30.11 7 p. m.
River gage, 1.1 feet
Relative humidity, 78 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.3 Wet temperature, 69.5
Dew-point, 63 R. humidity, 50 V. pressure, .575
Clouds: Amount, Cu 5; Kind, Cu 1 st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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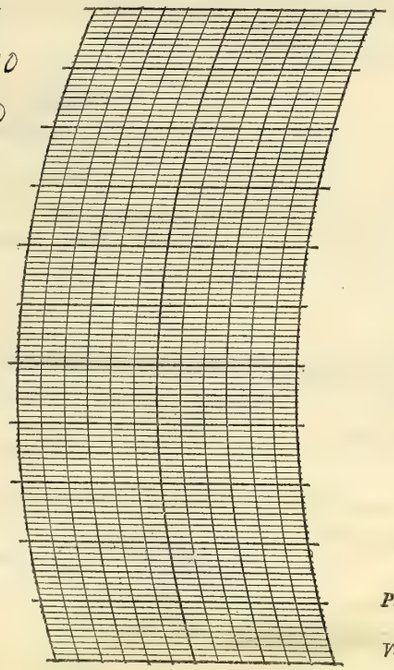
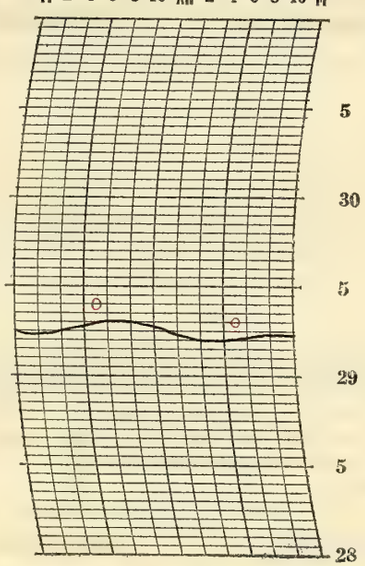


BAROGRAPH.



Prepared by O. E. [illegible]

Verified by P. McDonough

8—486

NOTES

The amount of cloudiness varied from time to time at the day at a whole was clear. It was threatening for a while during the evening. It continued pretty cloudy into the night with moonlight at intervals through the clouds.

It was warm and rather sultry all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 1 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	65	63	63	67	71	76	80	82	84	85	86	86	85	84	81	78	74	72	70	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						87 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	7	6	4	5	6	5	6	7	5	6	6	4	5	7	7	8	10	7	6	6	5	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:08; Character, Clear
Moonrise: 5:52p; Cloudy
Sunset: Time, 6:14; Character, Cloudy
Moonset: 3:25a; Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

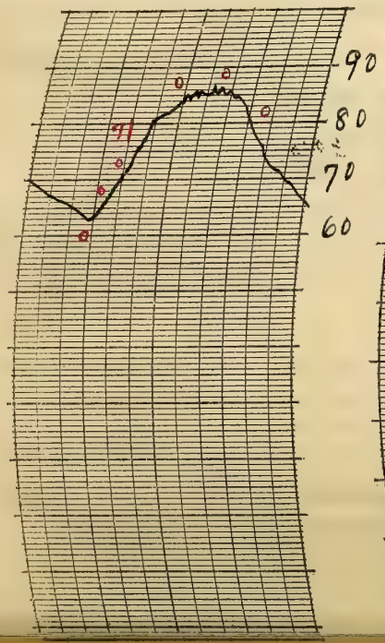
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	63	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 90
Prevailing wind direction, NE Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 4:00 p.m.
Reduced barometer, 30.20 7 a. m. 30.13 7 p. m.
River gage, 1.1 feet
Relative humidity, 57 7 a. m. 40 7 p. m.

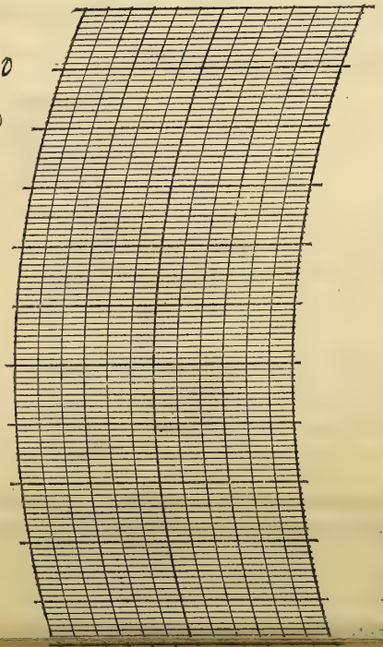
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.6 Wet temperature, 64.2
Dew-point, 52 R. humidity, 34 V. pressure, .387
Clouds: Amount, Few; Kind, Strat; Direction, N
Velocity of clouds (miles per hour)

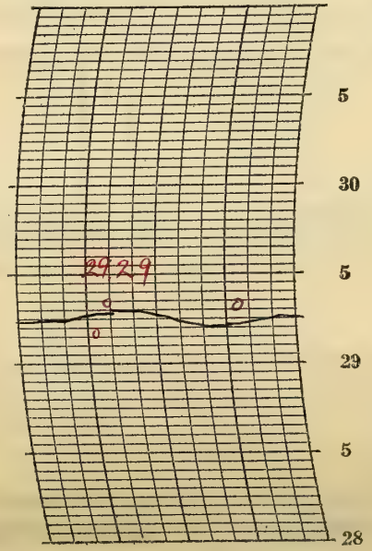
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D.E.P.
P. McDonough

NOTES

The sky was mostly clear altho a small amount of cloudiness persisted all day and into the night. Moonlight at night.

The temperatures were slightly lower than on the previous date and the relative humidity was considerably lower.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 2 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	63	64	67	71	76	81	84	85	88	89	87	87	87	86	82	80	80	79	78	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						Pt	Cloudy							Clear				
Sunshine (in tenths of hours)						0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	E	SE	SE	S	S	S	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	3	2	5	4	6	8	8	8	8	9	12	11	11	10	10	8	9	10	12	12	16

Sunrise: Time, 5:09; Character, Cloudy. Moonrise: 6:31 p; Cloudy.

Sunset: Time, 6:12; Character, Cloudy. Moonset: 4:40 p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

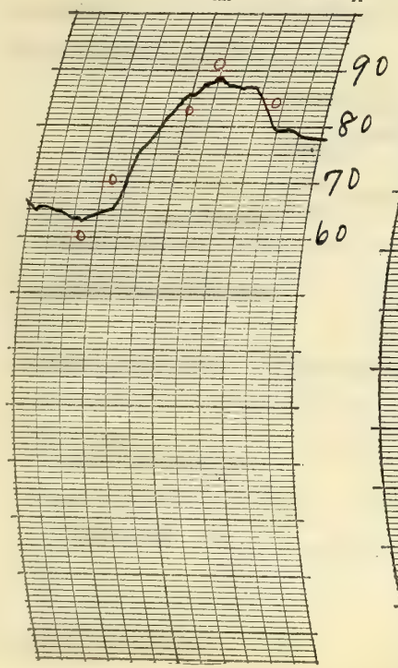
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase, Full - 1:53 p. m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 11:52 p. m.
Reduced barometer, 30.17 7 a. m. 29.91 7 p. m.
River gage, 1.2 feet
Relative humidity, 46 7 a. m. 46 7 p. m.

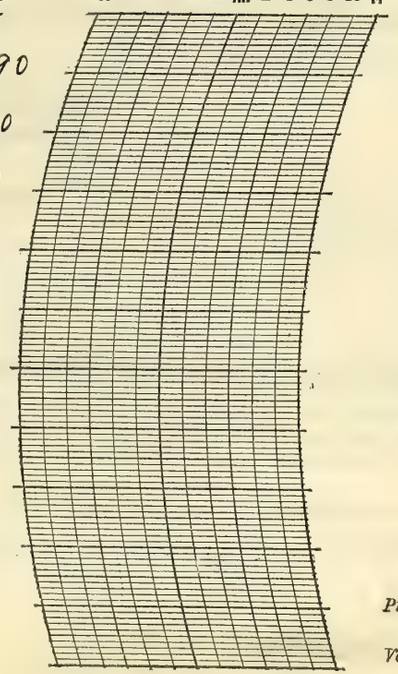
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 65.0
Dew-point, 53 R. humidity, 33 V. pressure, .402
Clouds: Amount, 4; Kind, acu; Direction, NW
Velocity of clouds (miles per hour)

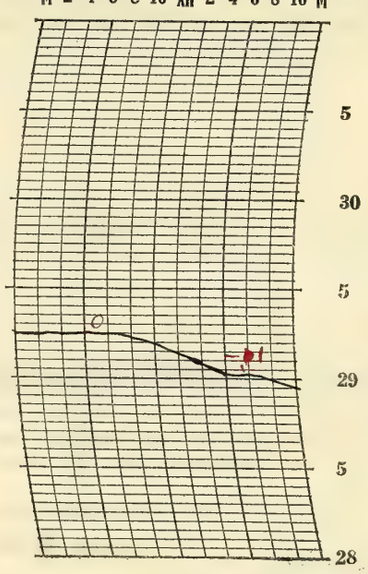
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.K.

Verified by P. McDonough

8—486

NOTES

The sky was partly cloudy during the day. Some cloudiness continued into the night but there was moonlight at times.

The temperature was somewhat above the average. It remained rather high during the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 3 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	76	75	74	74	78	81	84	85	87	88	91	92	92	91	91	89	85	81	78	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						8.3 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.2 0.8	1.0 0	.8 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	W	W	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	14	13	11	12	11	9	9	10	12	11	11	10	10	12	10	10	9	9	6	9	7	6	4	4

Sunrise: Time, 5:10 Character, Clear
Moonrise: 7:06 p Clear
Sunset: Time, 6:11 Character, Clear
Moonset: 5:53 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

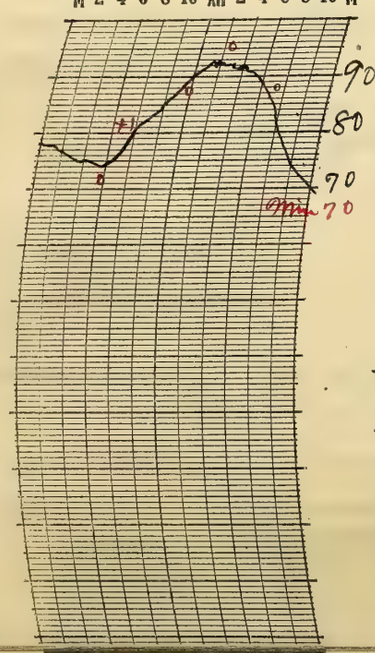
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	70	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.7 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 98
Prevailing wind direction, N Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 12:03 am.
Reduced barometer, 29.79 7 a. m. 29.82 7 p. m.
River gage, 1.2 feet
Relative humidity, 60 7 a. m. 54 7 p. m.

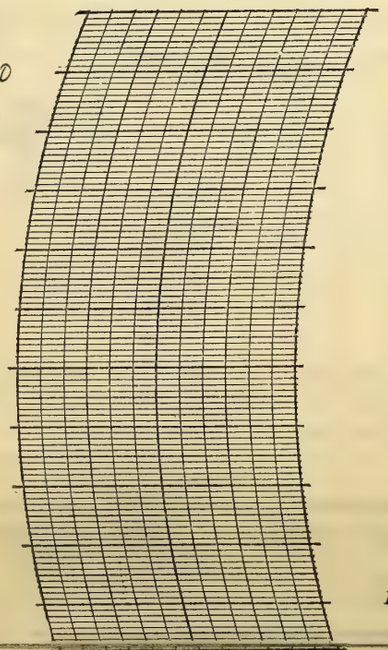
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.0 Wet temperature, 72.5
Dew-point, 66 R. humidity, 48 V. pressure, .638
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

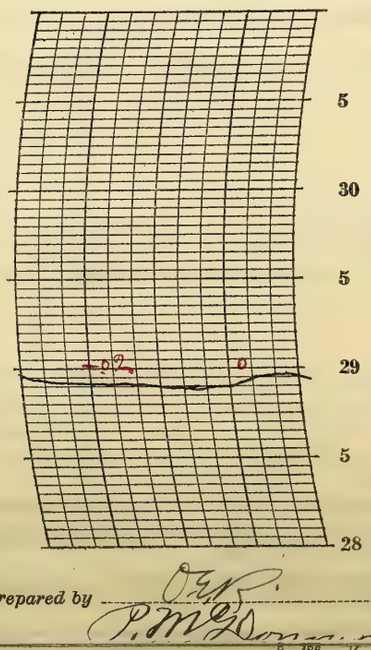
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R. P.M.G.

NOTES

Only a small amount of cloudiness appeared during the afternoon. Clear into the night with moonlight.

The temperature remained considerably above the normal during the whole of the 24 hours. It was very hot in the afternoon and from the nature and number of the telephone inquiries the public seemed to consider it about the most uncomfortably hot day of the year. The maximum temperature was 92.6°.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	67	64	64	63	67	78	80	84	88	90	92	93	93	93	92	89	87	83	81	78	75	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← H Smoke						Clear													→
Sunshine (in tenths of hours)						82 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.15 0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NE	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	E
Wind movement	3	1	3	2	3	2	2	2	5	6	5	3	5	8	7	7	6	5	4	4	4	4	5	5

Sunrise: Time, 5:11 Character, Clear
Moonrise: 7:38 p Clear
Sunset: Time, 6:09 Character, Clear
Moonset: 7:04 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

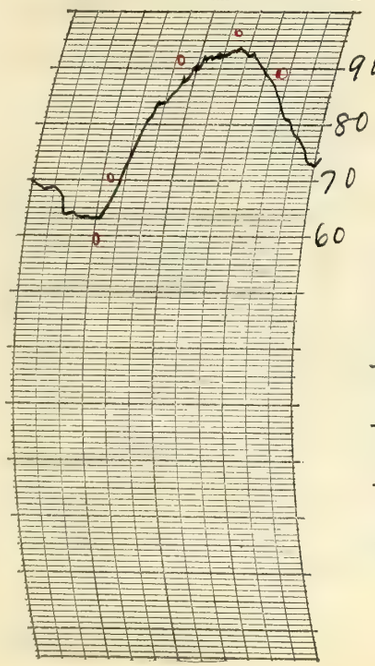
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	63	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 2:25 p.m.
Reduced barometer, 29.97 7 a. m. 29.93 7 p. m.
River gage, 1.7 feet
Relative humidity, 76 7 a. m. 30 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.0 Wet temperature, 69.5
Dew-point, 59 R. humidity, 36 V. pressure, .499
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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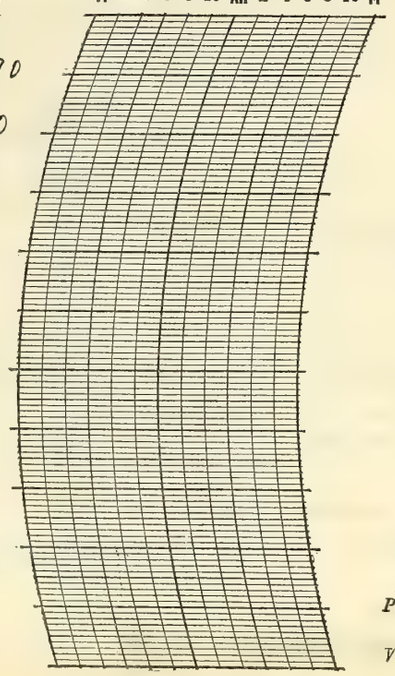
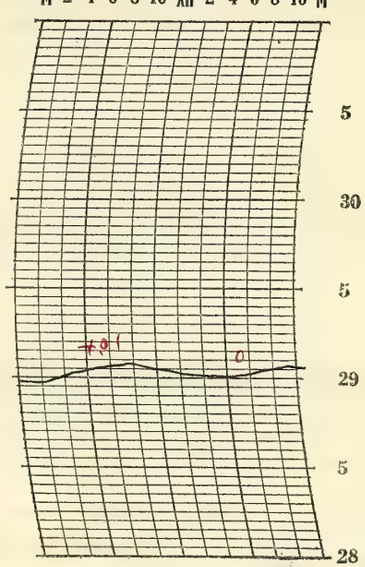


BAROGRAPH.



Prepared by O. G. K.

Verified by P. McDonough

8—486

NOTES

The sky was cloudless except for a very few clouds in the evening. Clear at night with moonlight late at night.

It was cool and pleasant in the early morning but the temperature rose rapidly and it became very hot in the afternoon. The temperature was slightly higher than on the previous date, maximum 93.9°, altho the humidity was somewhat lower especially in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 5 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	70	68	67	68	67	71	76	83	88	91	92	94	96	95	94	92	89	87	84	82	81	80	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear							Partly Cloudy					Cloudy						
Sunshine (in tenths of hours)						.83 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	SE	SE	E	SE	S	S	S	S	S	S	SW	SW	S	SW	SW	S	SW	SW	SW	SW	W	W	S	S
Wind movement	4	2	3	2	3	5	3	8	8	10	10	11	11	11	11	11	10	8	7	5	2	3	9	10

Sunrise: Time, 5:11 Character, Clear
Moonrise: 8:10 p Cloudy
Sunset: Time, 6:08 Character, Cloudy
Moonset: 8:13 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

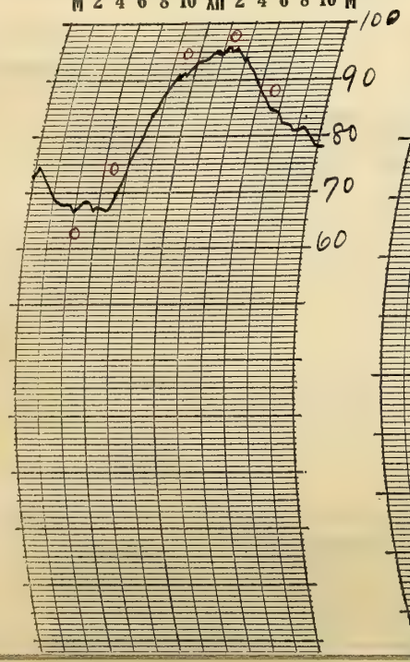
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	67	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 78
Prevailing wind direction, S Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 16
Maximum velocity, 14 Direction, SW
Time began, 1:37 p.m.
Reduced barometer, 30.01 7 a. m. 29.91 7 p. m.
River gage, 1.5 feet
Relative humidity, 59 7 a. m. 30 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 67.0
Dew-point, 52 R. humidity, 26 V. pressure, 3.87
Clouds: Amount, 2; Kind, Cirst Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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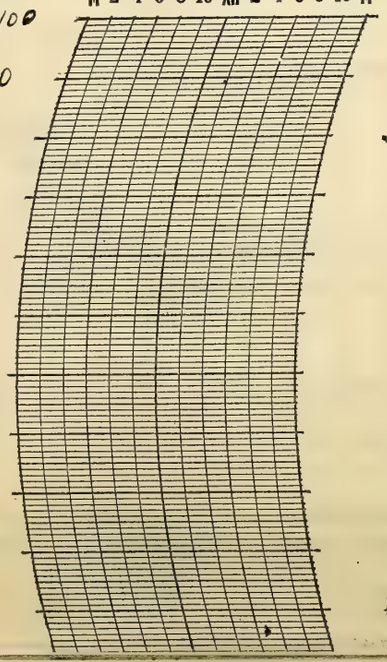
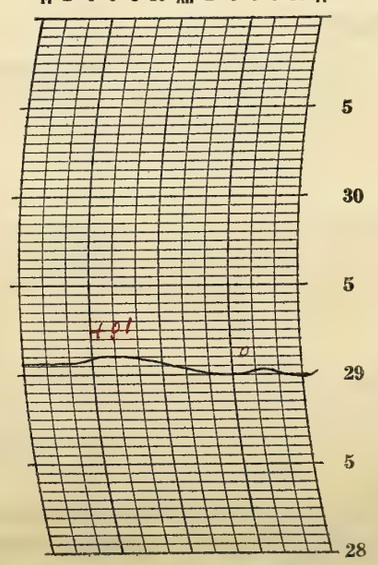


BAROGRAPH.



Prepared by O.E.K. P.M. McDonnell

NOTES

The sky was mostly clear during the forenoon. The clouds increased in the afternoon and it became mostly overcast in the evening. Some of the brighter stars were visible through the thin clouds early at night but the sky became heavily overcast later.

It was very hot and the temperature reached a maximum of 96° in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 6 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	75	74	75	73	73	71	74	76	82
Nature of precipitation and time of beginning and ending		RB DN	RE DN					RB 7:48 RE 8:00		RB 9:45	RE 10:30	RB 11:45 RE 12:00
Amounts of precipitation		T	T					T		T	T	T
Cloudiness and other conditions						←					Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.8
Wind direction	S	S	S	S	N	N	NE	E	NE	E	SE	S
Wind movement	12	11	10	11	8	3	5	9	10	7	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	86	92	91	80	77	76	75	74	73	72	71
Nature of precipitation and time of beginning and ending					RB 4:09 RE 4:55							
Amounts of precipitation					18							
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	0.7	0.5	0.9	0.4	0	0	0					
Wind direction	S	SW	W	N	NW	SW	SW	SW	SW	SW	NW	NW
Wind movement	13	11	7	5	6	5	4	6	6	6	4	3

Sunrise: Time, 5:17 Character, Cloudy
Moonrise: 8:42p Cloudy
Sunset: Time, 6:06 Character, Cloudy
Moonset: 9:21a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

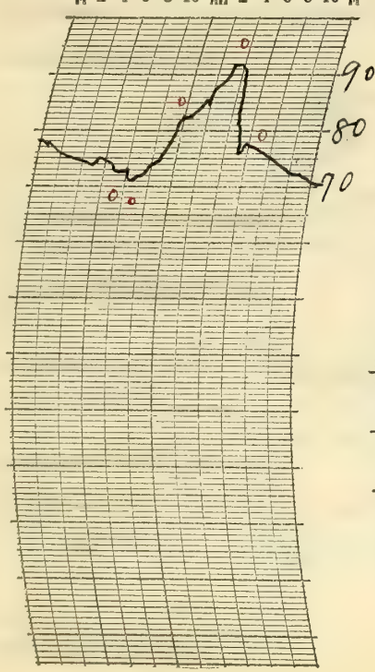
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 18 ins.
Total precipitation, midnight to midnight, 18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.6 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 28
Prevailing wind direction, S-SW Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 30
Maximum velocity, 25 Direction, N
Time began, 7:39 am
Reduced barometer, 29.91 7 a. m. 29.84 7 p. m.
River gage, 1.1 feet
Relative humidity, 54 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 82.0 Wet temperature, 68.0
Dew-point, 61 R. humidity, 49 V. pressure, 536
Clouds: Amount, 2; Kind, Cu Cu Nb; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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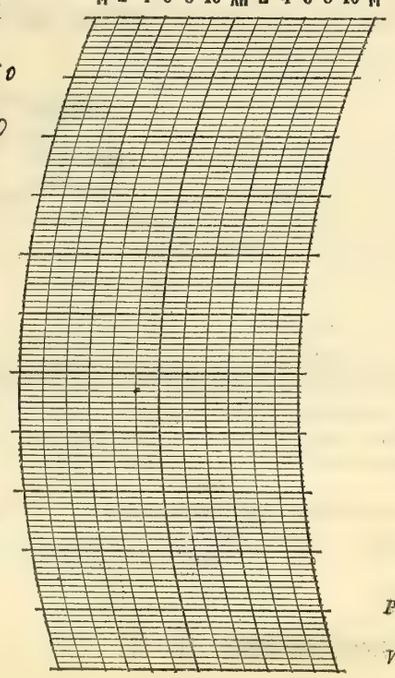
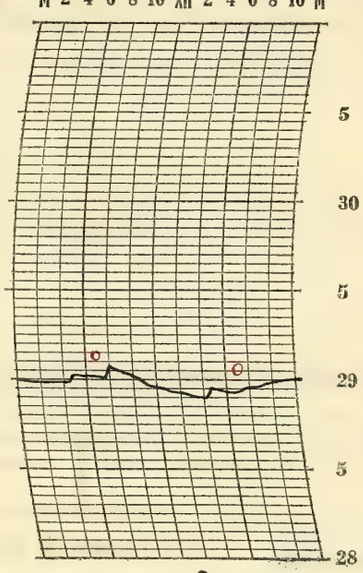


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The day was cloudy with several light showers during the forenoon and a moderate rain in the afternoon between 4 and 5 p.m. A thunderstorm began 11:55 am and ended 12:10 p.m. a second thunderstorm began 3:44 p.m and ended 4:55 p.m. The last storm was heaviest in the south part of the city and lightning caused some damage to electric power and light lines. Some trees were struck by lightning and damaged.

The day was quite sultry and the temperature reached a maximum of 91.5° about 3 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 7 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	66	66	67	68	73	75	77	79
Nature of precipitation and time of beginning and ending								RB 7:40	RE 8:05			
Amounts of precipitation								T	T			
Cloudiness and other conditions						Dense Fog					Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.6	0.7	0.9	0.9
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	5	3	4	3	4	4	2	3	5	5	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	82	83	82	80	78	76	74	72	70	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.5	0.2	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	7	7	6	5	5	4	5	6	6	4	4

State of weather.

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 9:14p Clear

Sunset: Time, 6:04 Character, Cloudy
Moonset: 10:26a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

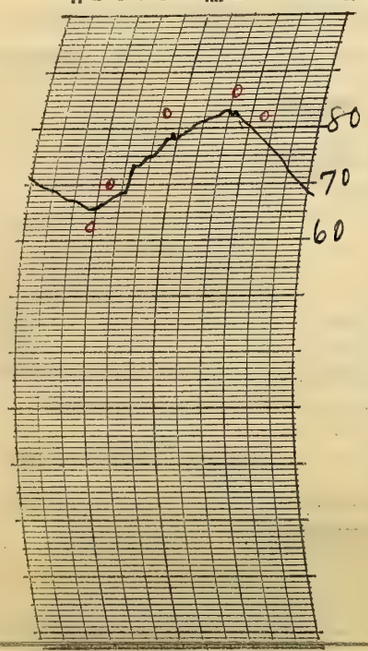
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 49
Prevailing wind direction, N Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, N
Time began, 10:53 am
Reduced barometer 29.98 7 a. m. 29.99 7 p. m.
River gage, 1.2 feet
Relative humidity, 98 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 69.7
Dew-point, 65 R. humidity, 62 V. pressure, 616
Clouds: Amount, 8; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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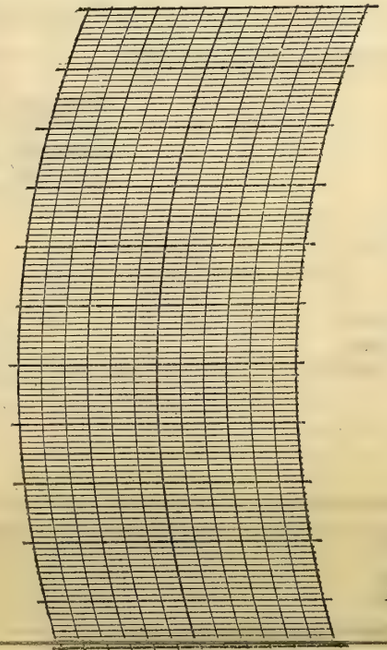
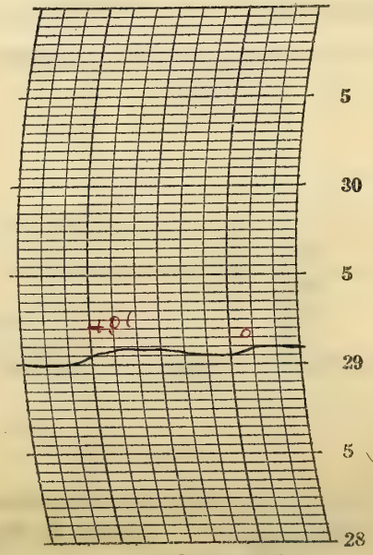


BAROGRAPH.



Prepared by O.G.P.
P. McDonough

NOTES

Dense fog began during the night am, and ended at 8:05 am. The fog was quite thick and turned into a drizzling rain awhile before eight am. The sky continued mostly cloudy during the day altho the sun shone through the clouds considerably. The sky cleared after nightfall and there was pale moonlight late at night.

Temperatures were still somewhat above the normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	65	64	67	69	73	77	79	80	82	82	82	82	81	79	78	70	68	68	67	68
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:35					RE PN
Amounts of precipitation																			T	.25	.02	T	.14	.01
Cloudiness and other conditions						Clear				Cloudy						Pt cloudy				Cloudy				

Sunrise: Time, 5:14 Character, Clear

Moonrise: 9:50p Cloudy

Sunset: Time, 6:03 Character, Cloudy

Moonset: 11:27a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						.77 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.6	0.7	0	0	0					
Wind direction	N	N	N	N	NE	NE	NE	NE	E	E	E	NE	E	NE	E	E	E	E	E	NE	SE	SE	S	S
Wind movement	4	3	5	5	6	5	6	7	5	4	3	5	4	6	6	6	7	5	6	7	10	8	10	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .42 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.6 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 75

Prevailing wind direction, E Total wind, 140

Average hourly velocity, 5.8 Extreme velocity, 17

Maximum velocity, 14 Direction, SW

Time began, 10:13 p.m.

Reduced barometer, 30.03 7 a. m. 29.89 7 p. m.

River gage, 1.1 feet

Relative humidity, 87 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

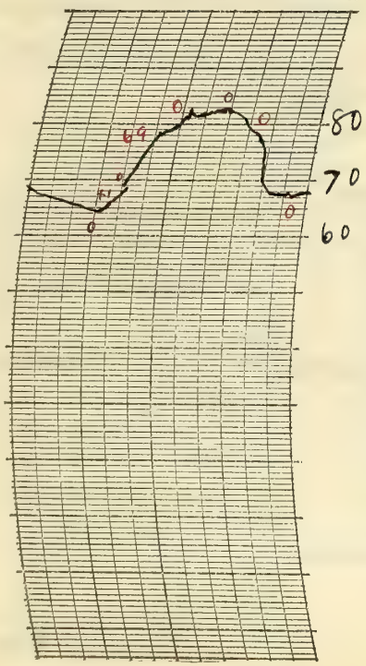
Dry temperature, 79.8 Wet temperature, 67.2

Dew-point, 61 R. humidity, 52 V. pressure, 536

Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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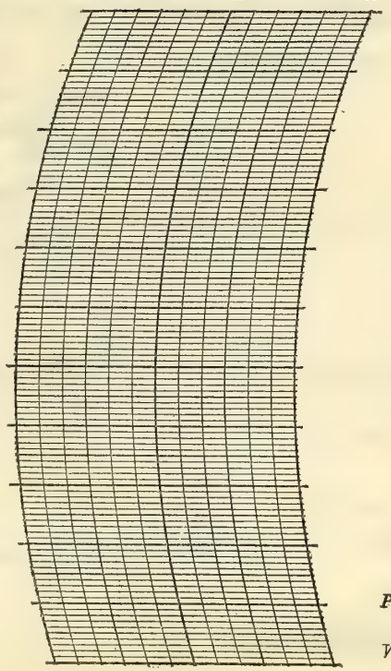
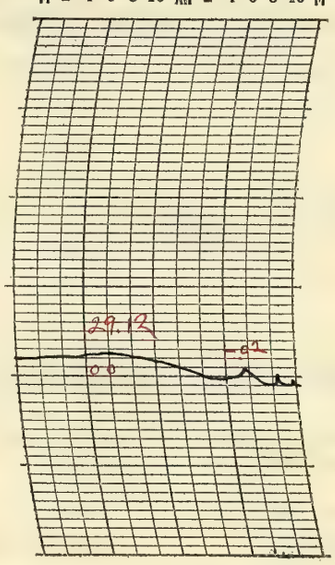


BAROGRAPH.



Prepared by O.E.K.

Verified by P.M.McDonough

8—496

NOTES

Heavy deposit of dew in early morning. Pale moonlight during the early morning. The amount of cloudiness raised considerably and the day as a whole was partly cloudy. A thunderstorm began a 6:50 p.m. and continued into the night. There was considerable lightning and moderately heavy showers fell between 7 and 8 p.m. and 10 and 11 p.m.

Temperatures were about the same as on the previous date.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	68	68	70	70	70	72	76	82	85	86	89	91	92	93	91	87	85	82	81	80	78	77
State of weather: Nature of precipitation and time of beginning and ending					RB 4E DN																			
Amounts of precipitation					.01																			
Cloudiness and other conditions			←			Cloudy									Clear									→
Wind direction	S	S	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N
Wind movement	14	11	8	8	9	8	9	10	13	17	18	16	14	16	16	16	15	12	10	9	7	7	8	4
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					

Sunrise: Time, 5:15; Character, Cloudy. Moonrise: 10:29p; Clear.

Sunset: Time, 6:01; Character, Cloudy. Moonset: 12:27p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	67	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .43 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear. Moon phase, Last Quarter 6:42 p.m.

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.4. Possible sunshine, hours, 12.8

Per cent of possible sunshine, 73

Prevailing wind direction, SW. Total wind, 275

Average hourly velocity, 11.5. Extreme velocity, 23

Maximum velocity, 21. Direction, SW

Time began, 9:45 am

Reduced barometer, 29.82 7 a. m. 29.70 7 p. m.

River gage, 1.2 feet

Relative humidity, 83 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

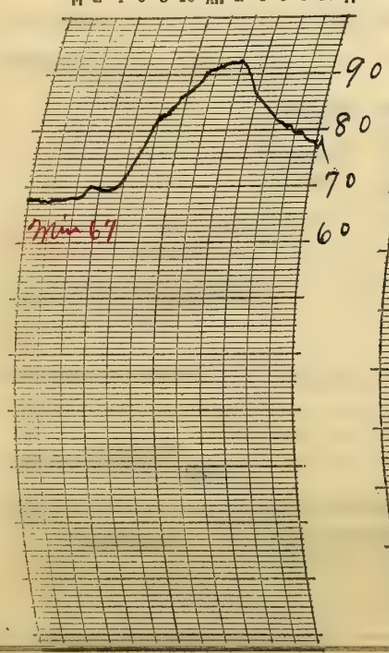
Dry temperature, 86.0. Wet temperature, 72.0

Dew-point, 66. R. humidity, 51. V. pressure, .638

Clouds: Amount, 3; Kind, Cirr; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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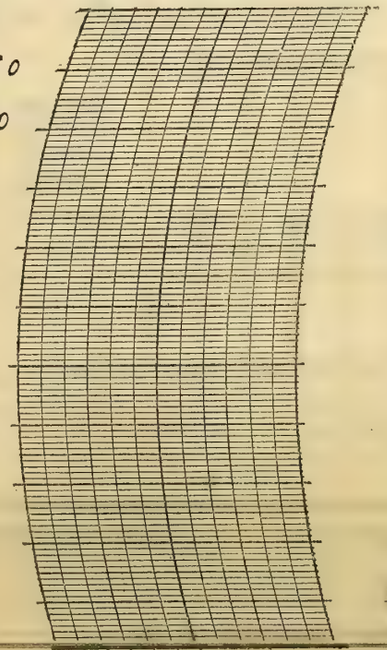

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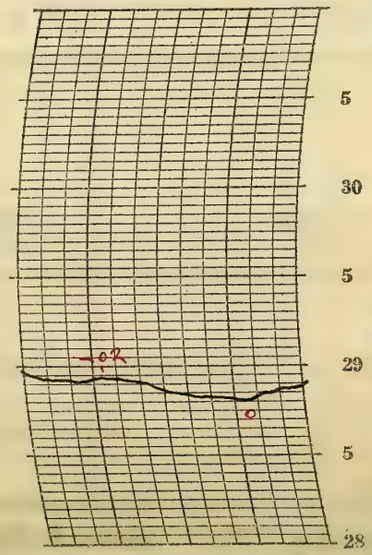


Prepared by C.E.P. P. McDonnell

NOTES

A light shower occurred in the early morning. The sky cleared somewhat after the am. observation and remained mostly clear all day and with the night. Stars bright.

Moderate southwest wind

The temperatures were considerably above normal and it was hot and sultry in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 10 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	73	72	71	70	71	72	74	76	78	80	80	82	83	83	84	82	80	78	76	75	74	73	73
State of weather: Nature of precipitation and time of beginning and ending						RBP E DN																		
Amounts of precipitation						T																		
Cloudiness and other conditions						Pt cldy						Cloudy								Clear				

Sunrise: Time, 5:16 Character, Cloudy
Moonrise: 11:17p Cloudy ?
Sunset: Time, 5:59 Character, Cloudy
Moonset: 1:23p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.3	0.4	0.5	0.5	1.0	0.7	0.7	0.6	0.6	0.2	0						
Wind direction	NW	NW	S	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	S
Wind movement	11	13	5	6	7	13	9	9	15	17	15	16	13	10	10	10	11	10	8	6	5	7	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

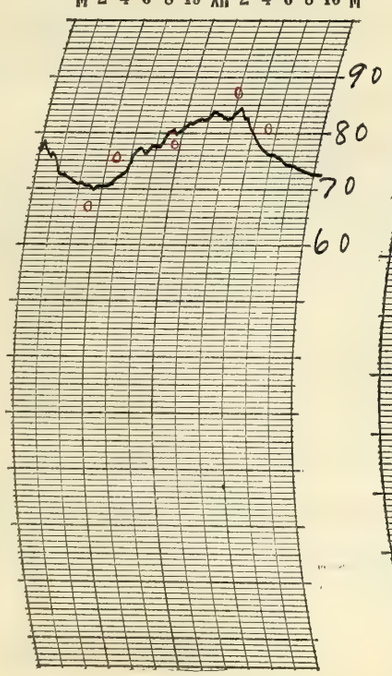
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.5 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 43
Prevailing wind direction, SW Total wind, 240
Average hourly velocity, 10.0 Extreme velocity, 23
Maximum velocity, 20 Direction, SW
Time began, 10:58 am.
Reduced barometer, 29.89 7 p. m. 29.91 7 p. m.
River gage, 1.2 feet
Relative humidity, 75 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.4 Wet temperature, 71.2
Dew-point, 67 R. humidity, 64 V. pressure, .661
Clouds: Amount, 8; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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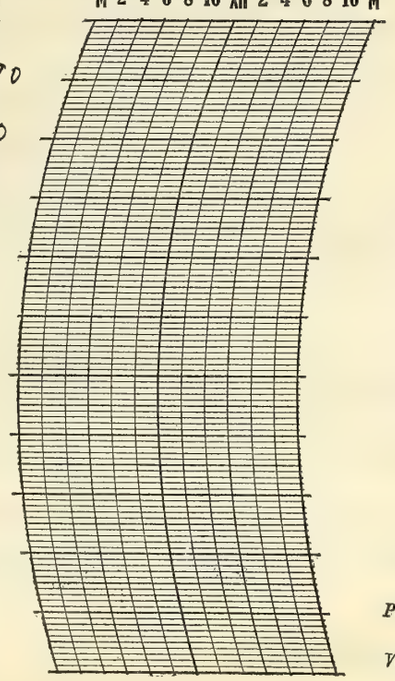

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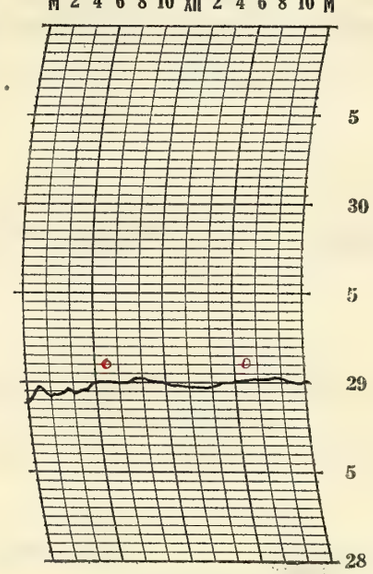


Prepared by C.E.P.
Verified by P. McDonough

8—486

NOTES

A light shower occurred in the early morning. There were more or less clouds during the day with clearing in the evening. Stars bright.
The wind was gusty and at times moderately strong.
Temperatures above normal.

Solar halo, 22° Radius, observed 11:40 am, nearly a complete circle and considerably colored at 12:45 p.m.; disappeared 1:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 11 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	72	74	71	71	73	77	81	84	86	88
State of weather: Nature of precipitation and time of beginning and ending				RB DR	RE DR							
Amounts of precipitation				T	.01							
Cloudiness and other conditions					←	Pt cldy	×	Clear		×	Pt cldy	
Sunrise: Time, 5:17 Character, Cloudy												
Moonrise: 11:59p												
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	9	8	11	13	9	4	5	9	10	12	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	90	90	89	74	73	75	72	72	71	71	68
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10 RE 7:25				RB DR
Amounts of precipitation								T				.13
Cloudiness and other conditions	Cloudy		×							→		
Sunset: Time, 5:57 Character, Cloudy												
Moonset: 2:14p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.6	0	0						
Wind direction	SW	SW	SW	SW	NW	NW	N	W	N	NW	W	SE
Wind movement	18	23	22	20	17	9	9	7	6	7	8	7

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 274
Average hourly velocity, 11.4 Extreme velocity, 31
Maximum velocity, 29 Direction, SW
Time began, 11:22 p.m.
Reduced barometer, 29.90 7 a. m. 29.89 7 p. m.
River gage, 1.2 fus
Relative humidity, 75 7 a. m. 63 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time

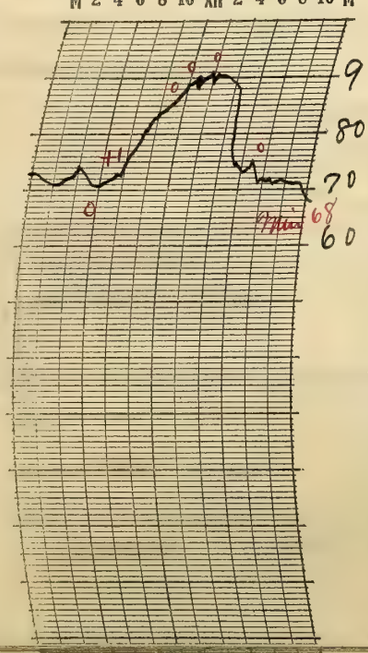
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 88.0 Wet temperature, 71.3
Dew-point, 64 R. humidity, 44 V. pressure, .595
Clouds: Amount, 3 2 Kind, Cirr. Cu. Direction, SW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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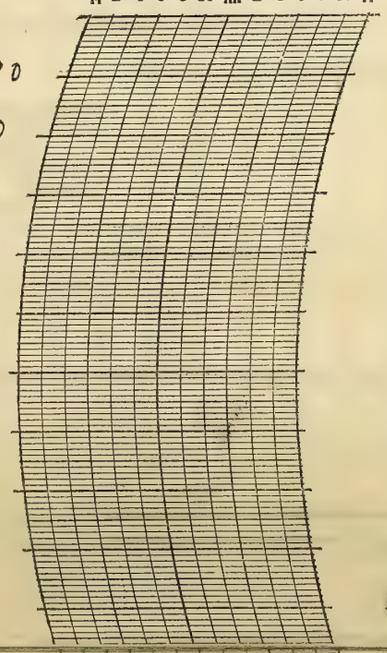
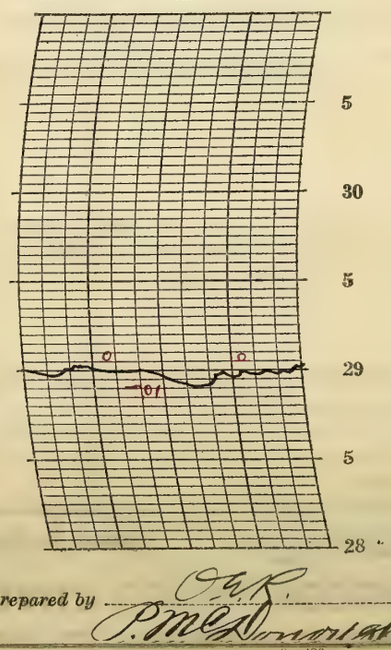


BAROGRAPH.



Prepared by O.A.P. P.M. McDonough

NOTES

A partly cloudy day with showers in the early morning and again after nightfall. A thunderstorm began 3:40 am and ended 5:00 am. A second thunderstorm began at 9:45 pm and continued past midnight.

The day was hot and sultry with temperatures considerably above the normal. Moderate to brisk winds.

A 22° Solar halo was observed at 11:00 am. It was visible for only a short while.

Chicago called for a noon (75 mer.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	69	69	70	70	70	69	70	72	73	75
Nature of precipitation and time of beginning and ending	---	---	RE DN		RB 9E DN			RB 7:20	---	RE 9:10	RB 10:50	RE 11:05
Amounts of precipitation	.07	.03	T		.01			.01	.05	T	T	T
Cloudiness and other conditions	Cloudy											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	79	77	75	72	70	68	67	66	65	65
Nature of precipitation and time of beginning and ending							RB 6:37	--	--	--	R cont'd	
Amounts of precipitation							T	T	T	.01	T	.01
Cloudiness and other conditions												

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: —
Sunset: Time, 5:56 Character, Cloudy
Moonset: 3:01 p Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.3
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	3	6	4	8	7	6	7	7	7	7	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.1	0.6	0.3	0	0	0						
Wind direction	SW	SW	W	W	N	N	NE	NE	NE	NE	NE	NE
Wind movement	8	8	5	3	3	6	8	9	11	8	8	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

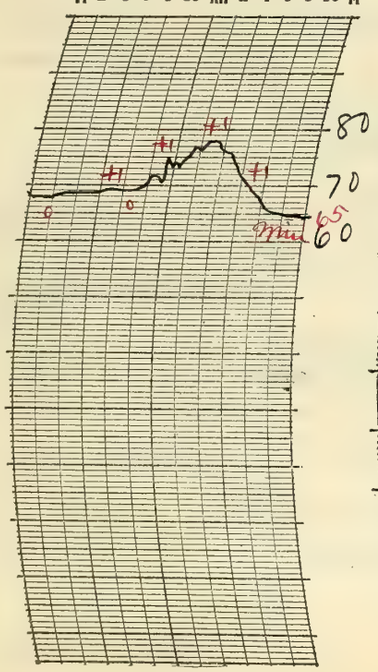
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m.; .06 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.3 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 10
Prevailing wind direction, S Total wind, 162
Average hourly velocity, 6.8 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 11:25 p.m.
Reduced barometer, 29.94 7 a. m. 29.92 7 p. m.
River gage, 1.2 feet
Relative humidity, 93 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.6 Wet temperature, 69.4
Dew-point, 67 R. humidity, 77 V. pressure, .661
Clouds: Amount, 9; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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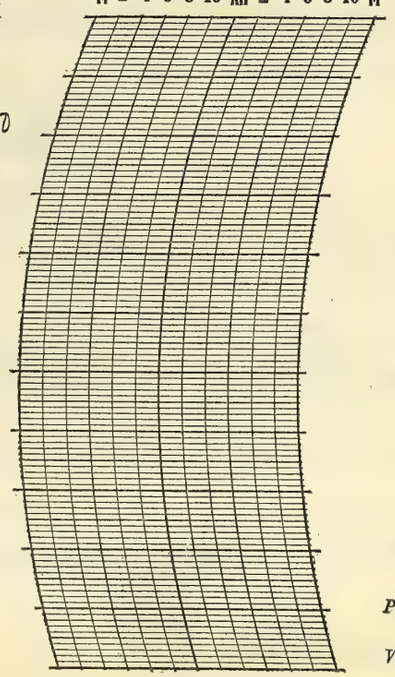
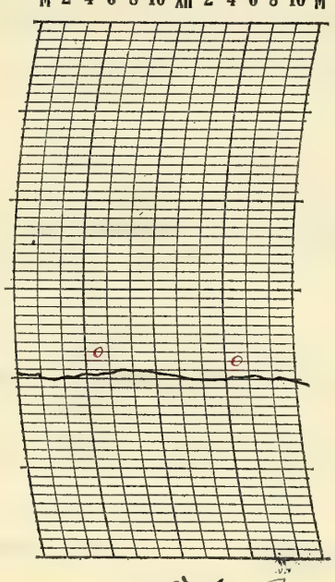


BAROGRAPH.



Prepared by O. E. K.

Verified by P. McDonough

8—486

NOTES

A thunderstorm continued from the previous day and ended during the night am. There were light showers all forenoon and a light steady rain began after nightfall and continued past midnight. There was very little sunshine during the day.

Temperatures averaged above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 13 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	64	63	62	63	63	66	69	70	72	73	73	70	67	67	66	64	63	63	63	63
State of weather: Nature of precipitation and time of beginning and ending	R cont'd								RE 9:00															
Amounts of precipitation	.03	.26	.07	.03	.04	.03	T	T	T															
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 5:20 Character, Cloudy																					Sunset: Time, 5:54 Character, Cloudy			
Moonrise: 12:50a Cloudy																					Moonset: 3:43p Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	1.0	0.4	0.7	0.9	0.1	0.1	0.3	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NW	N	N	N	N	N	N	N	N	N	NE	N	NE	NE	NE	NE
Wind movement	9	7	9	7	6	6	9	8	7	7	6	8	6	6	6	8	7	8	6	6	7	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	62	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .48 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 28
Prevailing wind direction, NE Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 6:41 am
Reduced barometer, 29.85 7 a. m. 29.97 7 p. m.
River gage, 1.5 feet
Relative humidity, 97 7 a. m. 85 7 p. m.

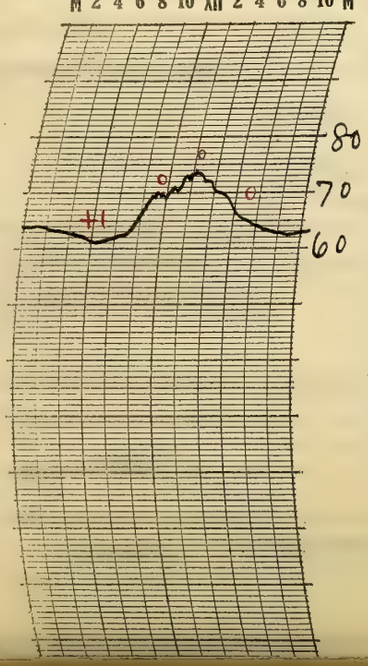
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 65.4
Dew-point, 63 R. humidity, 79 V. pressure, .575
Clouds: Amount, 8; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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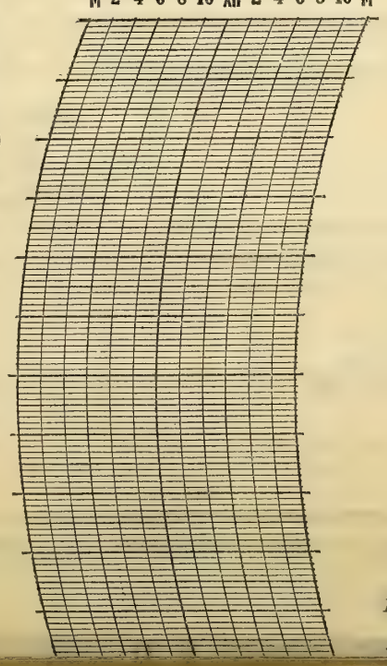
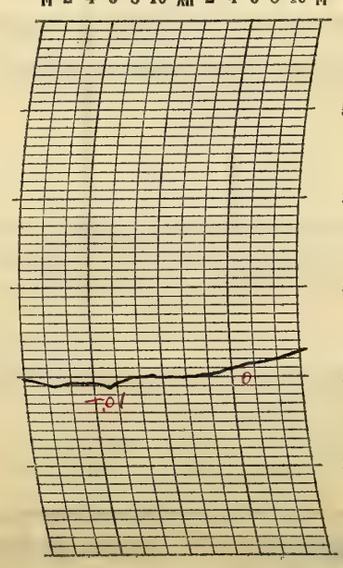


BAROGRAPH.



Prepared by O.G.P.

Verified by P. McDonough

NOTES

A steady rain that began on the previous date continued until about 9:00 am at the amount of precipitation after the a.m. observation was only a trace. The sky continued mostly overcast all day and into the night.

The weather seemed cool on account of the previous hot weather but the temperatures were about normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	60	60	60	59	61	65	66	66	66	67	68	67	67	65	64	61	60	60	60	60
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:50	–	–	–	–	–	Rontd
Amounts of precipitation																		T	.02	.24	.01	.02	T	.01
Cloudiness and other conditions	← Cloudy →																							

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 1:44a Cloudy

Sunset: Time, 5:52 Character, Cloudy
Moonset: 4:22p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0.6	0.2	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	9	8	7	8	8	9	9	9	12	9	10	8	8	8	10	7	9	7	7	10	11	9	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

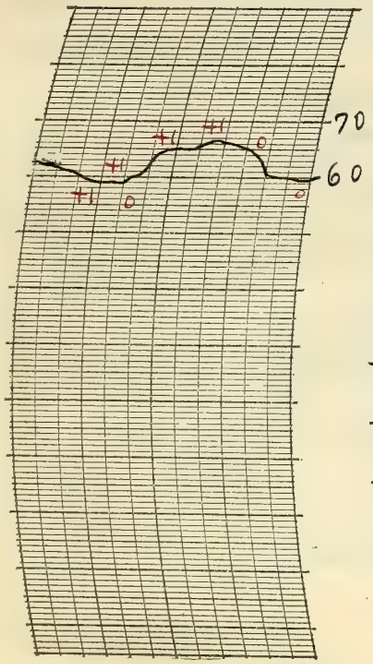
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	59	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.8 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 6
Prevailing wind direction, E Total wind, 207
Average hourly velocity, 8.6 Extreme velocity, 15
Maximum velocity, 14 Direction, E
Time began, 9:37 am.
Reduced barometer, 30.11 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 72 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.6 Wet temperature, 59.1
Dew-point, 55 R. humidity, 68 V. pressure, .432
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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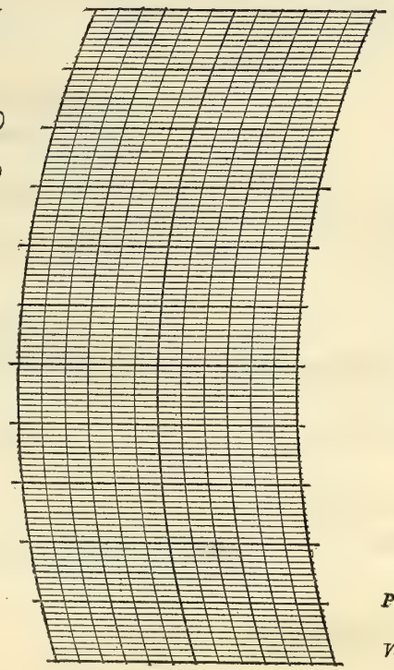
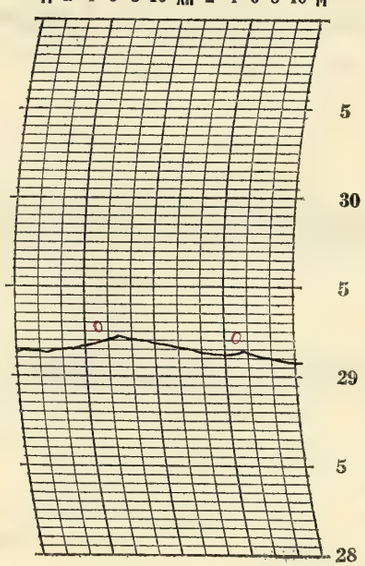


BAROGRAPH.



Prepared by O. G. P.
Verified by P. McDonough

8—486

NOTES

The sky was overcast all day. A light, steady rain began in the evening and continued past midnight.

The day was cool with little variation in temperature

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 15 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	61	61	61	61	62	63	63	63	65
State of weather: Nature of precipitation and time of beginning and ending	Rain'd											
Amounts of precipitation	.06	.16	.12	.12	.12	.08	.05	.01	.01	.01	T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	NE	NE	NE	N	N	N	NW	NW
Wind movement	8	7	6	6	8	9	9	8	6	9	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	68	68	67	67	66	65	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending	RE 12:35											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy			X	Pt Cldy	X	Clear	X	Cloudy			
Sunshine (in tenths of hours)	0	0	0	0.1	0	0						
Wind direction	NW	NW	W	W	NW	NW	NW	N	E	E	SE	SE
Wind movement	8	6	7	8	6	5	2	5	4	5	3	3

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 2:41 a Cloudy
Sunset: Time, 5:51 Character, Cloudy
Moonset: 4:57 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

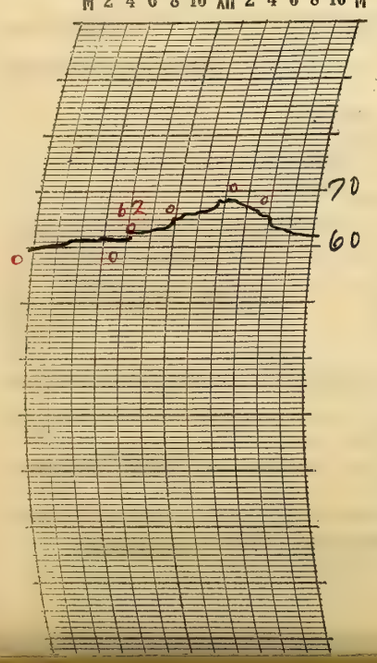
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	60	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .99 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .74 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 1
Prevailing wind direction, NW Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 12
Maximum velocity, 17 Direction, NW
Time began, 1:01:56 am
Reduced barometer, 29.82 7 p. m. 29.91 7 p. m.
River gage, 1.7 feet
Relative humidity, 99 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.6 Wet temperature, 62.9
Dew-point, 62 R. humidity, 91 V. pressure, .555
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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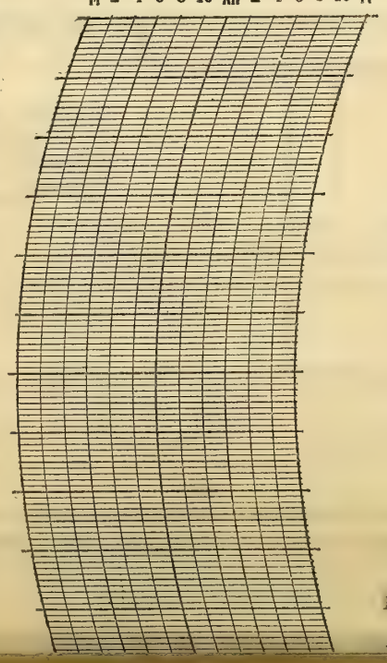
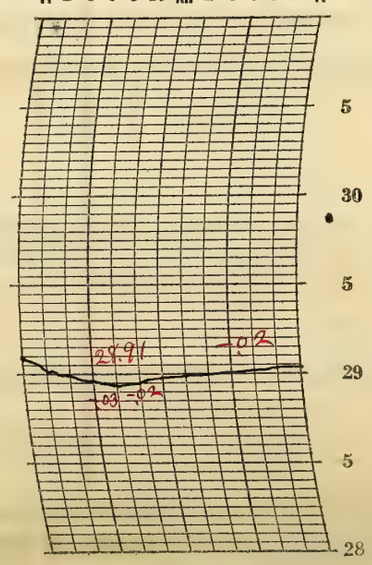


BAROGRAPH.



Prepared by O.G.P.

Verified by P. McDonough

NOTES

The rain of the previous day continued all forenoon and ended about 12:35 p.m. The cloudiness decreased in the afternoon and it was almost clear for a while in the evening. The stars were visible in the early part of the night but it became cloudy again later.

The weather was damp and cool and there was little change in the temperature.

Chicago called for a noon (75 mer.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	61	62	62	63	64	65	68	68	66	66	66	66	65	66	65	64	63	62	61	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0.4 0	0.6 0						
Wind direction	SE	E	E	E	S	SW	W	SW	W	W	W	W	W	NW	NW	N	N	N	N	NE	NE	O	NE	NE
Wind movement	3	2	1	2	3	4	3	4	6	5	7	8	9	9	9	9	6	4	4	2	2	0	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudy — Clear

Sunrise: Time, 5:22 Character, Cloudy
Moonrise: 3:39a Cloudy
Sunset: Time, 5:49 Character, Cloudy
Moonset: 5:28p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

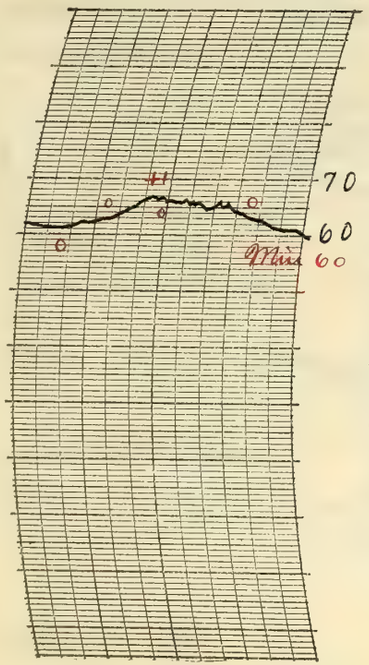
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	60	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.0 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 8
Prevailing wind direction, W Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 12:43 p. m.
Reduced barometer 29.98 7 a. m. 30.04 7 p. m.
River gage, 1.6 feet
Relative humidity, 93 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 66.0 Wet temperature, 62.3
Dew-point, 61 R. humidity, 82 V. pressure, .536
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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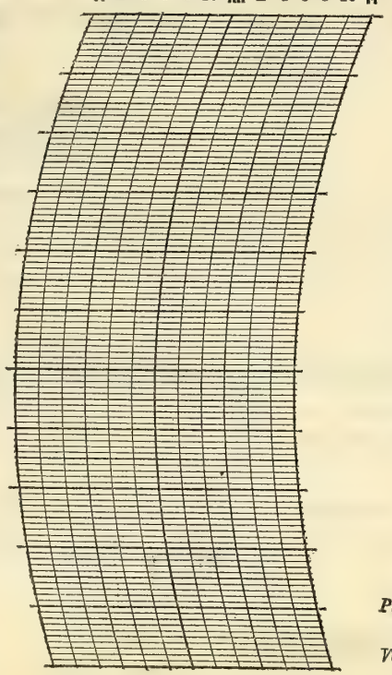
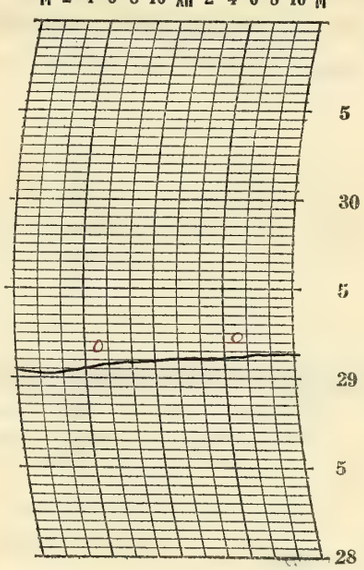


BAROGRAPH.



Prepared by O. E. R.
Verified by P. M. Dunwright

8—486

NOTES

The sky continued overcast until late afternoon when it cleared somewhat. Clear at night; stars visible.

The weather was cool and damp with only a small variation in temperature.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	56	56	57	62	69	74	76	78	81	82	83	82	81	78	77	74	74	73	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.2 0						
Wind direction	NE	NE	E	E	E	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW
Wind movement	2	1	3	2	3	5	6	6	8	11	10	10	12	13	14	13	13	10	10	11	12	11	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

← D Fog — X Fog X — Clear →

Sunrise: Time, 5:23 Character, Cloudy
Moonrise: 4:39 a Cloudy

Sunset: Time, 5:47 Character, Cloudy
Moonset: 5:57 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

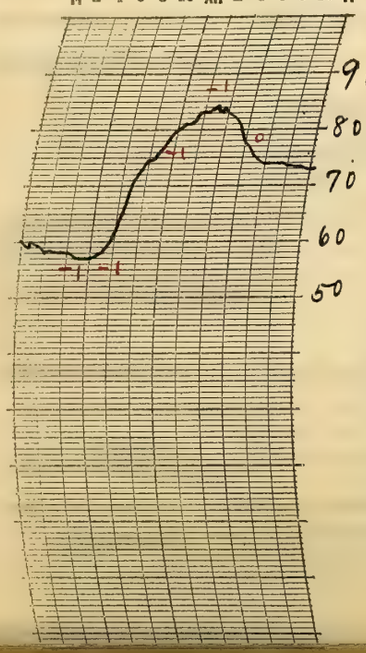
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 10:12 pm
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 206
Average hourly velocity, 8.6 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 2:17 p.m.
Reduced barometer, 30.087 a. m. 29.967 p. m.
River gage, 2.3 feet
Relative humidity, 100 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 67.0
Dew-point, 61 R. humidity, 57 V. pressure, 536
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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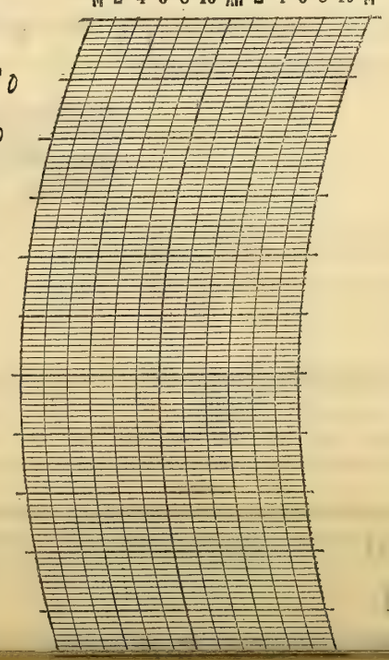
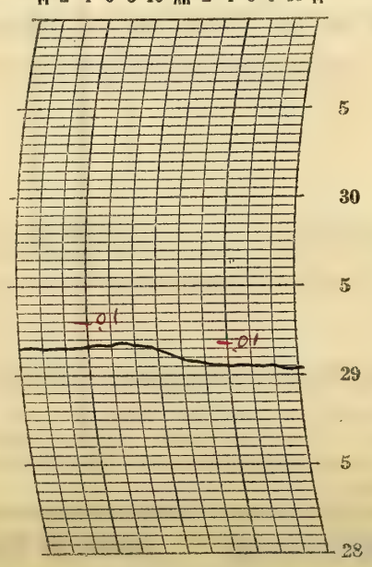


BAROGRAPH.



Prepared by O. G. R.
P. McDonough

NOTES

Dense fog began during the night a.m. and became light fog about 7:00 am. The light fog ended about 7:30 am. After the fog disappeared the sky was mostly clear the rest of the day and into the night. Stars bright.

The temperature rose quite rapidly and it became warm in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 18 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	73	71	72	74	79	83	84	85	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)						60 0	0.8 0.2	1.0	1.0	0.9	0.6	0.7
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	11	12	12	14	13	12	13	11	11	12	12	11

Sunrise: Time, 5:24 Character, Clear
Moonrise: 5:40 a Clear

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	75	74	76	76	76	74	74	74	74	73	72
State of weather: Nature of precipitation and time of beginning and ending	RB 12:48	- - - -		RE 3:35				RB 7:15 RE 7:30	RB 8:05 RE 8:15			
Amounts of precipitation	T	.03	.02	.01				T	T			
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	W	S	SW	SW	SW	SW
Wind movement	6	11	5	2	3	1	6	3	1	2	1	1

Sunset: Time, 5:46 Character, Cloudy
Moonset: 6:25 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

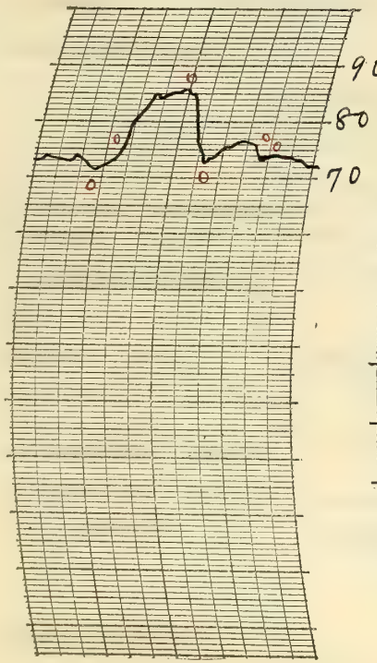
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	71	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.8 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 47
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 3:52 am.
Reduced barometer 29.93 7 a. m. 29.98 7 p. m.
River gage, 2.0 feet
Relative humidity, 81 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.3 Wet temperature, 74.5
Dew-point, 70 R. humidity, 60 V. pressure, 27.32
Clouds: Amount, 6 2; Kind, Cu a St; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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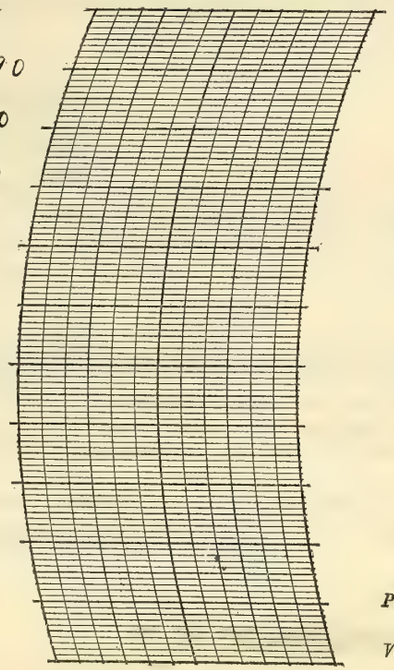
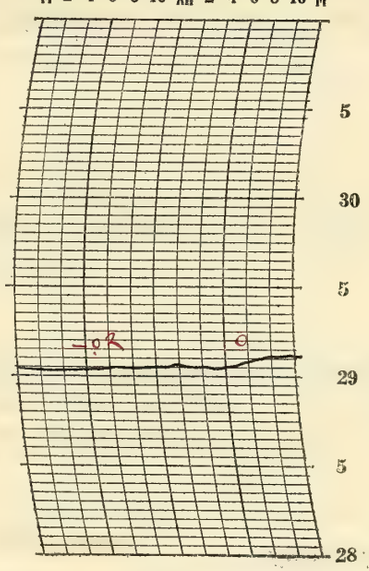


BAROGRAPH.



Prepared by O.E.P.

Verified by C. M. Hardy

8—486

NOTES

It was clear in the early morning but became overcast before noon and continued cloudy all afternoon and into the night. Light showers fell in the afternoon and at night. A thunderstorm began at 1:05 p.m and ended 3:35 p.m.

The day was rather warm and sultry.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 19 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	68	67	67	66	66	66	68	69	74	78	82
State of weather: Nature of precipitation and time of beginning and ending				RB DR	- - -	- - -	RE 6:15a					
Amounts of precipitation				T	.01	.01	.01					
Cloudiness and other conditions	← Cloudy →										X	
Wind direction	NE	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	5	8	7	7	6	6	7	6	8	6	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	88	89	90	89	84	87	80	79	79	78	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cldy				X		Clear		→			
Wind direction	SE	S	S	SW	SW	SW	SW	S	S	S	SW	SW
Wind movement	9	10	11	11	11	8	9	11	14	14	12	11

Sunrise: Time, 5:26 Character, Cloudy
Moonrise: 4:42a Cloudy

Sunset: Time, 5:44 Character, Clear
Moonset: 6:53p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	1.0	1.0	1.0	1.0	0.7	0.9	0.2 0.8	.73 0						
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

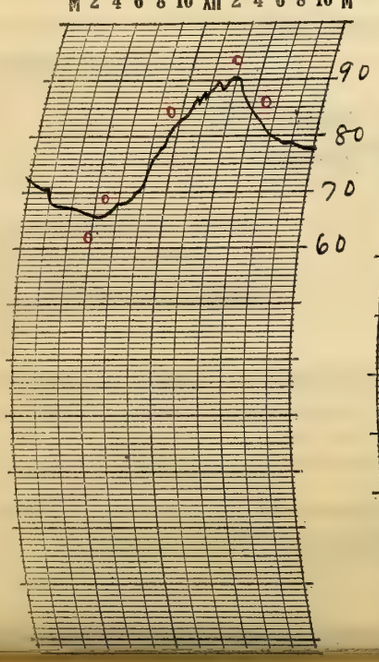
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.3 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 59
Prevailing wind direction, E Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 17 Direction, SE
Time began, 9:09 p.m.
Reduced barometer, 30.05 7 a. m. 29.83 7 p. m.
River gage, 2.1 feet
Relative humidity, 87 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 74.5
Dew-point, 72 R. humidity, 70 V. pressure, 783
Clouds: Amount, 4; Kind, St cu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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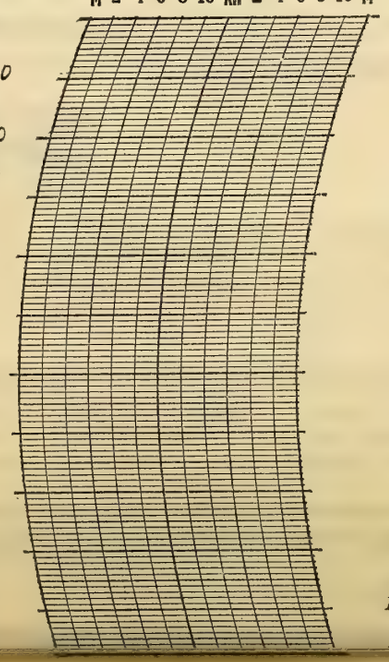
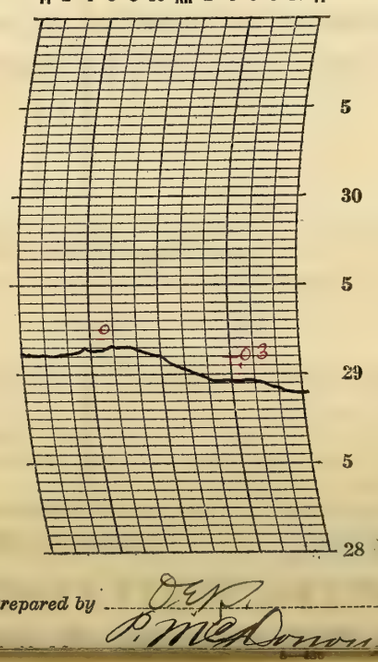


BAROGRAPH.



Prepared by D.E.P. P. McDonough

NOTES

A light shower occurred in the early morning. The clouds gradually decreased until the sky became cloudless in the late afternoon. Stars bright at night.

The temperature rose rapidly and it became quite warm in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	76	76	76	76	77	80	81	84	85	84
State of weather: Nature of precipitation and time of beginning and ending								RB 7:40 RE 8:00				
Amounts of precipitation								T				
Cloudiness and other conditions					Clear						Pt cldy	
Sunrise: Time, Character,	5:27 Clear											
Moonrise:	7:45 a Cloudy											
Sunshine (in tenths of hours)						50 0	0.7 0.3	0.7	0.7	1.0	0.9	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	12	12	14	13	14	15	20	20	23	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	83	79	81	79	77	75	73	72	69	66	63
State of weather: Nature of precipitation and time of beginning and ending	RB 12:43	RE 1:10										
Amounts of precipitation	T	T										
Cloudiness and other conditions		Cloudy				Pt cldy				Clear		
Sunset: Time, Character,									5:42 Cloudy			
Moonset:									7:22 p Clear			
Sunshine (in tenths of hours)	0.3	0.4	0.4	1.0	0	0						
Wind direction	SW	SW	W	W	SW	W	W	W	W	NW	NW	N
Wind movement	19	19	17	16	12	12	14	10	11	13	9	13
Maximum velocities (exceeding 29 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	63	74	

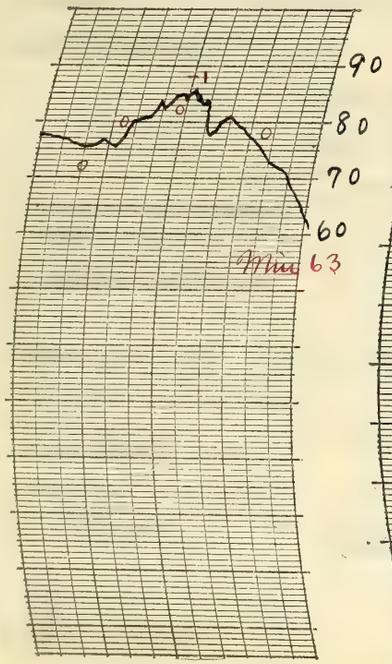
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind, 349
Average hourly velocity, 14.5 Extreme velocity, 31
Maximum velocity, 26 Direction, SW
Time began, 9:53 am
Reduced barometer, 29.73 7 a. m. 29.80 7 p. m.
River gage, 2.1 feet
Relative humidity, 73 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.4 Wet temperature, 73.4
Dew-point, 68 R. humidity, 59 V. pressure, .684
Clouds: Amount, 4 2; Kind, a cu cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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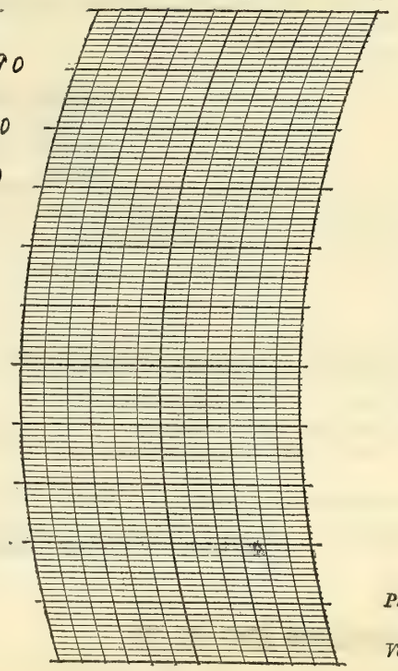
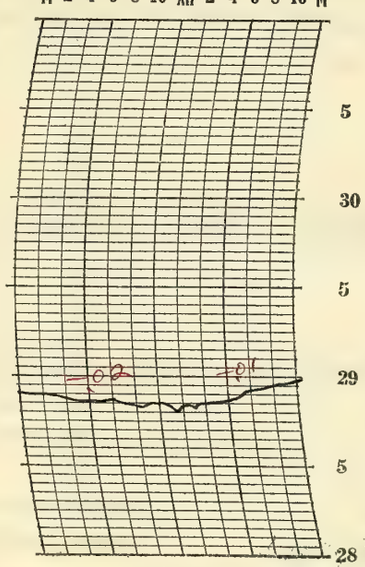


BAROGRAPH.



Prepared by E.W.
Verified by P. M. E. Dunegh

8—486

NOTES

The amount of cloudiness varied considerably from time to time. The day as a whole was partly cloudy with light showers in the forenoon and afternoon. Considerable wind from southwest and west. It was rather warm and sultry until evening when the temperature began falling.

The sky cleared after the p.m. observation. Stars bright and crescent of new moon visible early part of night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 21 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	58	57	56	58	59	60	61	62	63	65	64	64	64	64	62	60	57	56	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear				X Pt cldy				X Cloudy X				Pt cldy X		Clear				
Sunshine (in tenths of hours)						0	0.3	0.9	1.0	0.8	1.0	1.0	1.0	1.0	0.3	0.7	0.4	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	7	5	6	8	8	12	11	10	10	9	7	7	7	7	7	5	6	8	8	7	7	7

Sunrise: Time, 5:27 Character, Clear
Moonrise: 8:50 a Cloudy
Sunset: Time, 5:41 Character, Cloudy
Moonset: 7:54 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

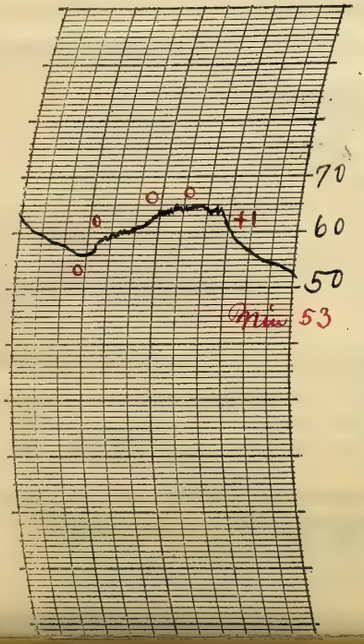
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	53	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 79
Prevailing wind direction, N Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 12:13 am
Reduced barometer, 30.03 7 a. m. 30.09 7 p. m.
River gage, 2.0 feet
Relative humidity, 83 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.3 Wet temperature, 53.0
Dew-point, 44 R. humidity, 50 V. pressure, .287
Clouds: Amount, Few 6; Kind, Strat 2; Direction, N W
Velocity of clouds (miles per hour)

THERMOGRAPH



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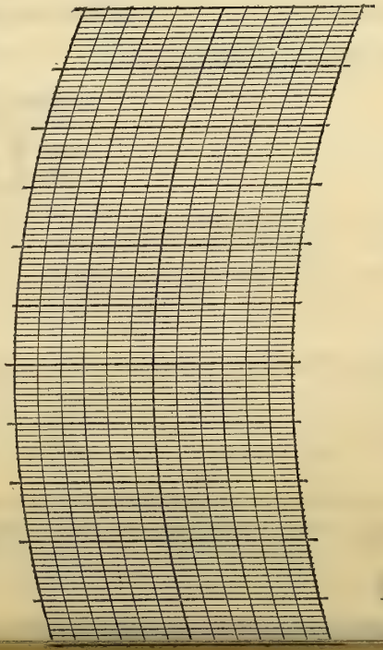

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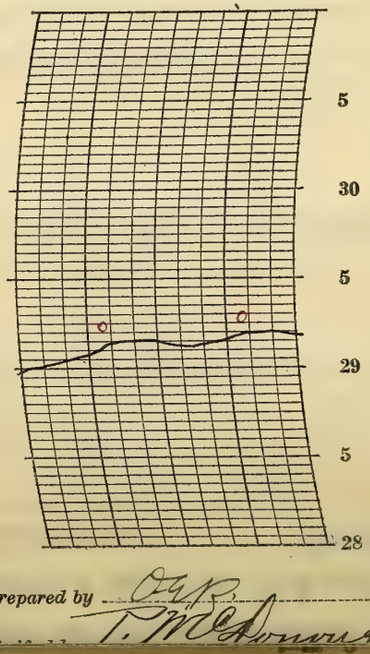


Prepared by O.E.B. T. M. O'Donovan

NOTES

The day was partly cloudy and much cooler than on the previous date. The temperature averaged somewhat below the normal.

Solar halo, 22° radius, observed 11:30 am till about 12:30 p.m.

An aurora was observed from about 1:30 am to 2:15 am by Mr. J. J. Baun, receiving clerk at Western Union Telegraph Office.

The aurora consisted of an arch, streamers and corona. The arch was dark with upper part dark green. It extended in an easterly and westerly direction. It was at an altitude of about 45°. Pale white streamers moved along the arch from east to west, and they had a vertical movement, some reaching beyond the zenith. An auroral corona was observed near the zenith.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 22 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	52	52	51	50	50	52	53	55	55	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	E	E	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	8	10	7	6	6	7	8	9	7	7	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	59	59	57	54	53	51	50	51	50	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt cldy	Clear			Cldy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	9	8	11	11	10	10	5	5	4	5	4	4

Sunrise: Time, 5:28; Character, Cloudy. Moonrise: 9:56a Cloudy.

Sunset: Time, 5:39; Character, Cloudy. Moonset: 8:30p Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

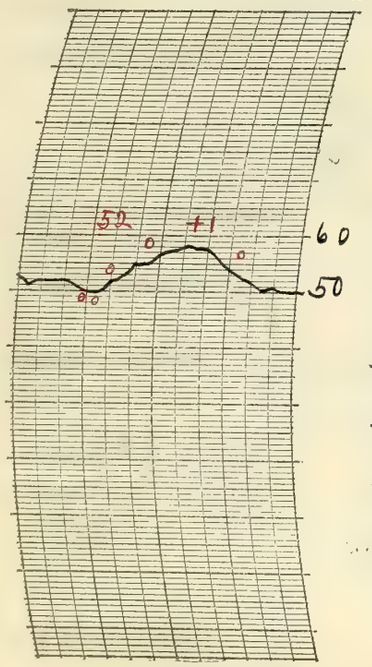
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	50	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 14
Maximum velocity, 13 Direction, E
Time began, 11:09 am
Reduced barometer, 30.18 7 a. m. 30.15 7 p. m.
River gage, 1.6 feet
Relative humidity, 82 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.5 Wet temperature, 50.0
Dew-point, 44 R. humidity, 64 V. pressure, 287
Clouds: Amount, 6 ; Kind, Ast Cu ; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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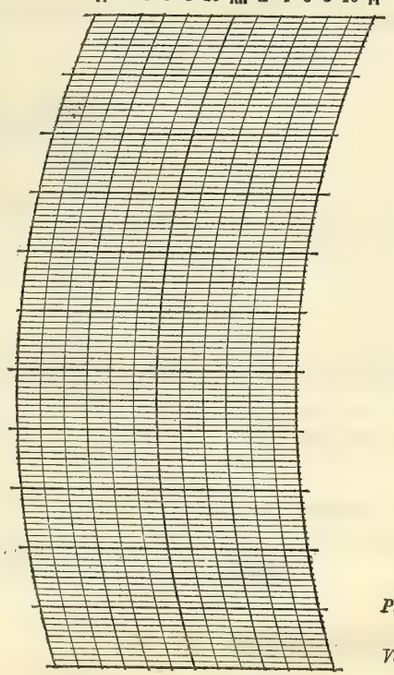

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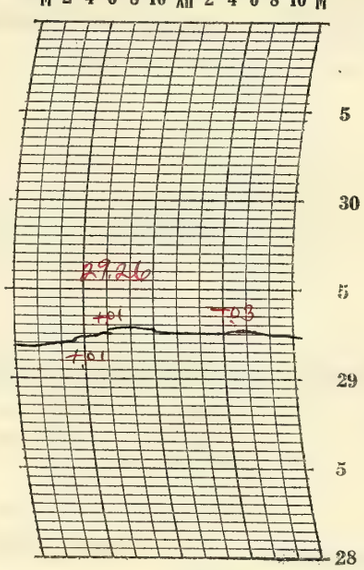


Prepared by O.E.R.

Verified by O. McDonough

8—486

NOTES

The sky was mostly cloudy the greater part of the day. It cleared somewhat in the evening but became cloudy later at night.

The temperature continued rather low all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 23 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	50	50	49	51	53	57	61	62	66	67	68	68	69	67	64	62	62	61	60	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Pt.	cloudy										Cloudy	
Sunshine (in tenths of hours)						0	0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.3	0						
Wind direction	E	NE	NE	NE	NE	NE	E	E	E	SE	E	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	5	4	4	3	3	2	3	2	4	5	7	7	7	8	8	4	6	7	8	8	10	8

Sunrise: Time, 5:29; Character, Cloudy

Moonrise: 11:02a Cloudy

Sunset: Time, 5:37; Character, Cloudy

Moonset: 9:11p. Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.5; Possible sunshine, hours, 12.1

Percent of possible sunshine, 62

Prevailing wind direction, SW; Total wind, 131

Average hourly velocity, 5.5; Extreme velocity, 12

Maximum velocity, 12; Direction, SW

Time began, 4:30 pm.

Reduced barometer, 30.11 7 a. m. 29.93 7 p. m.

River gage, 1.5 feet

Relative humidity, 77 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

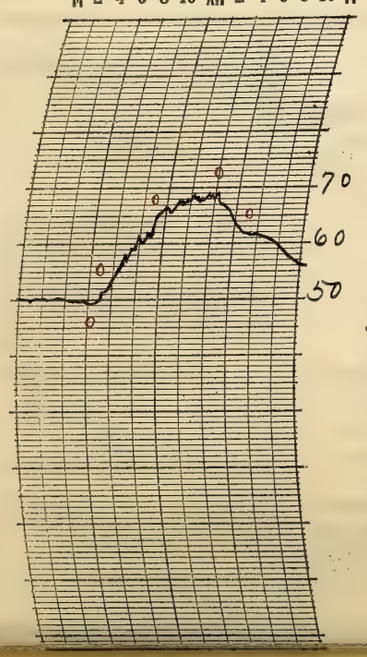
Dry temperature, 66.0; Wet temperature, 53.0

Dew-point, 42; R. humidity, 41; V. pressure, .266

Clouds: Amount, 4; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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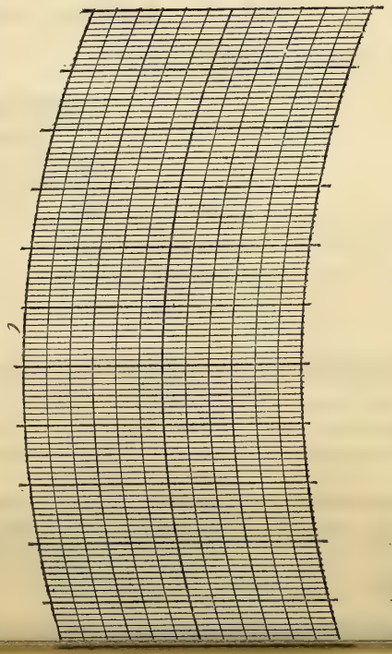
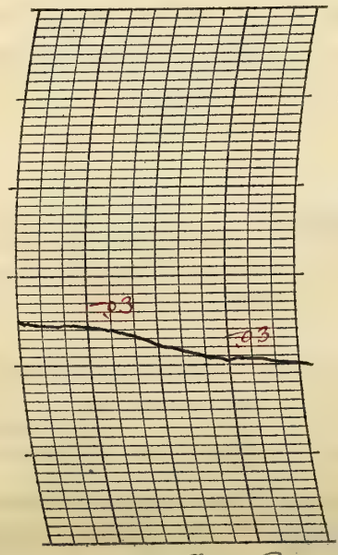


BAROGRAPH.



Prepared by O.E.R. P. McDonough

NOTES

Autumnal Equinox (autumn commences) 7:44 a.m.

The sky was partly cloudy all day. Moon and stars visible for a while in the evening but become obscured by heavier clouds later at night.

It was cool in the early morning but warmed up in the afternoon.

Upper clouds (ci st and a st) moving rapidly from west during afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 24 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	53	52	52	54	59	62	65	67	67	68	70	72	70	69	65	62	59	57	56	54	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear ×									Pt cloudy →					×			Clear ×		Pt cldy →				
Sunshine (in tenths of hours)						0	0	0.9	0.9	1.0	1.0	1.0	1.0	0.6	0.8	0.1	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	W	NW	NW	NW	NW	NW	N	N	NE	NE
Wind movement	5	7	8	11	12	11	13	15	15	13	13	15	13	12	12	13	12	11	9	9	7	8	10	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:30; Character, Clear
Moonrise: 12:07 p; Cloudy
Sunset: Time, 5:36; Character, Cloudy
Moonset: 10:00 p; Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

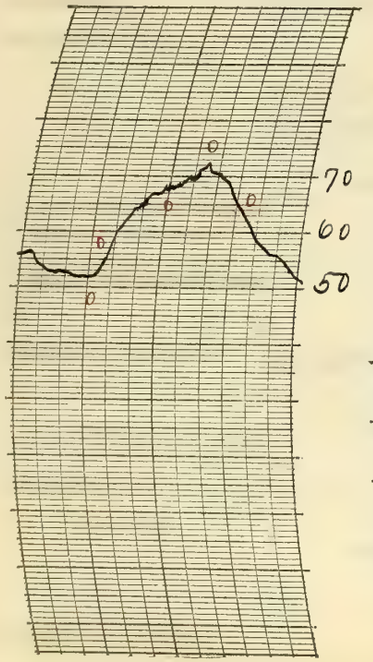
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.7; Possible sunshine, hours, 12.1
Per cent of possible sunshine, 72
Prevailing wind direction, SW; Total wind, 266
Average hourly velocity, 11.1; Extreme velocity, 20
Maximum velocity, 20; Direction, SW
Time began, 8:13 am.
Reduced barometer, 29.89 7 a. m. 30.00 7 p. m.
River gage, 1.4 feet
Relative humidity, 86 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.4; Wet temperature, 58.4
Dew-point, 52; R. humidity, 58; V. pressure, .387
Clouds: Amount, 4; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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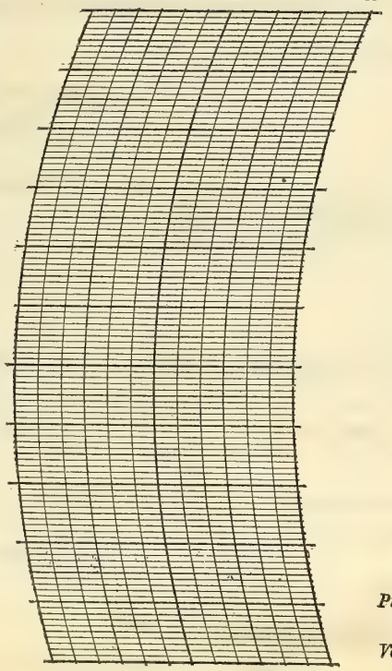

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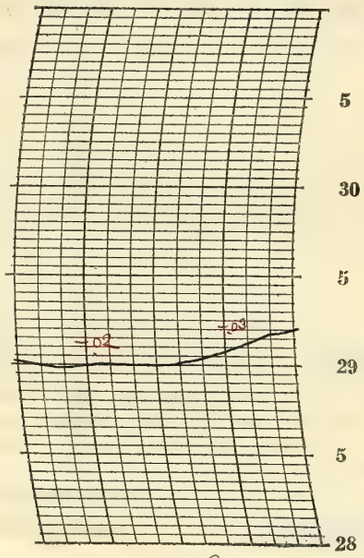


Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Heavy deposit of dew in early morning.

The day was partly cloudy but with considerable sunshine through the upper clouds. The moon and stars were visible through the clouds at night.

Pleasant fall weather with temperatures about normal.

Solar halo, 22° radius, observed 9:35 am till about 12:10 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 25 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	46	46	47	53	55	57	59	61	63	64	64	63	62	59	58	56	54	53	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear	×	Pt cldy		×	Clear		×	Pt cldy				×	Cloudy					→
Sunshine (in tenths of hours)						48 0	0.9 0.1	1.0	0.5	0.8	1.0	1.0	1.0	0.8	0.6	0.8	0	0						
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	10	10	10	7	7	9	8	10	10	11	10	10	10	8	11	13	9	8	7	12	12	12	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:31 Character, Clear
Moonrise: 11:10p Cloudy
Sunset: Time, 5:34 Character, Cloudy
Moonset: 10:54p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

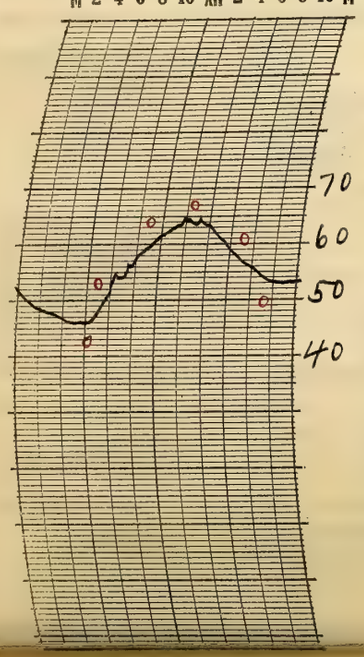
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cldy Moon phase, 1st Quarter 5:51 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 75
Prevailing wind direction, E Total wind, 233
Average hourly velocity, 9.7 Extreme velocity, 17
Maximum velocity, 14 Direction, E
Time began, 2:32 p.m.
Reduced barometer, 30.26 7 a. m. 30.22 7 p. m.
River gage, 1.3 feet
Relative humidity, 84 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 52.5
Dew-point, 45 R. humidity, 56 V. pressure, 29.8
Clouds: Amount, 2 ; Kind, Cu St Cu ; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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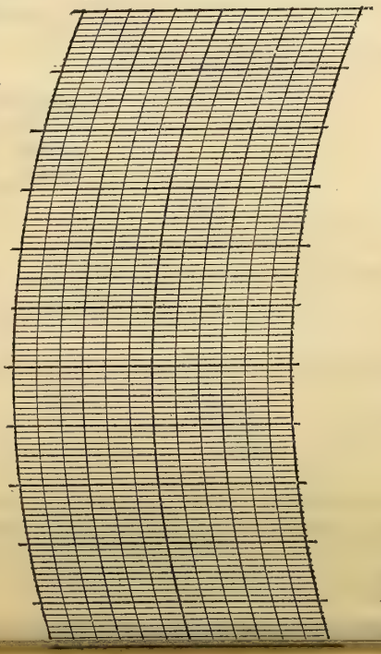
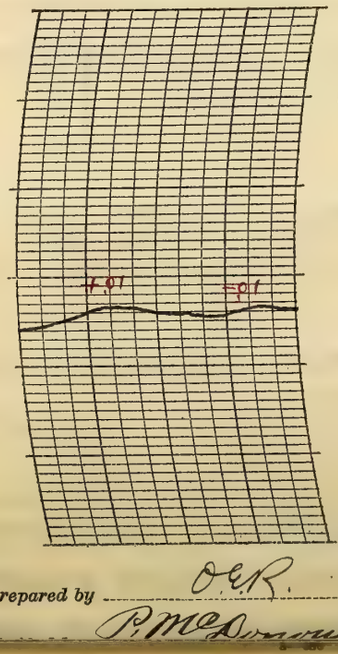


BAROGRAPH.



Prepared by O.E.R.
P. McDonough

NOTES

Heavy deposit of dew in early morning.
The cloudiness varied somewhat but the day as a whole was partly cloudy. Lower clouds prevailed into the night obscuring the moon and stars.
Temperatures slightly below the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 26 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	54	54	53	53	55	58	61	63	66	69
Nature of precipitation and time of beginning and ending					RB 4E DN							
Amounts of precipitation					T							
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	8	9	9	7	8	6	7	7	7	6	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	73	75	75	74	73	65	65	65	66	67
Nature of precipitation and time of beginning and ending							RB 6:25 RE 6:2	RB 7:00	RE 8:40		RB DN	R cont'd
Amounts of precipitation							T	.37	.09		.44	.09
Cloudiness and other conditions	Lt Haze			×	Pt Cldy	×		Cloudy				
Sunshine (in tenths of hours)	0.2	0	0	0.4	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	E	E	SE
Wind movement	6	5	5	7	6	4	4	7	4	4	6	4

Sunrise: Time, 5:32 Character, Cloudy
Moonrise: 2:09p Cloudy
Sunset: Time, 5:32 Character, Cloudy
Moonset: 11:57p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: DNp	5:15 am Sep 27"	0.90	1048p	10:58p	.01	22	42												

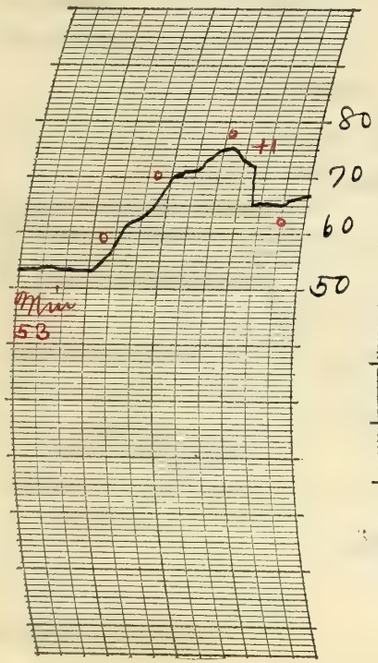
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .99 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.8 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 7
Prevailing wind direction, E Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 27
Maximum velocity, 24 Direction, SW
Time began, 7:00 p.m.
Reduced barometer, 30.23 7a. m. 30.15 7p. m.
River gage, 2.2 feet
Relative humidity, 77 7a. m. 80 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 60.6
Dew-point, 55 R. humidity, 61 V. pressure, 432
Clouds: Amount, 8 5; Kind, Ac Lt Haze; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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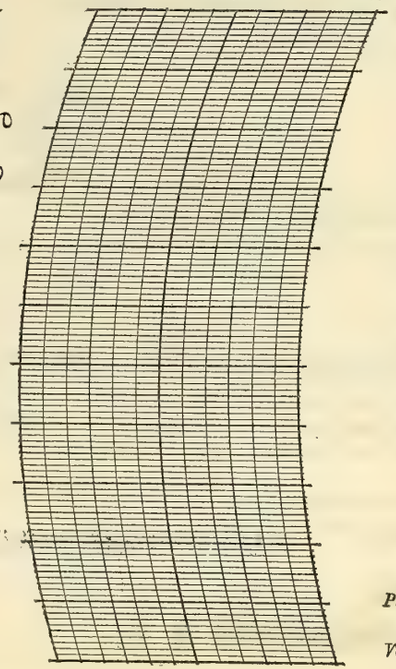

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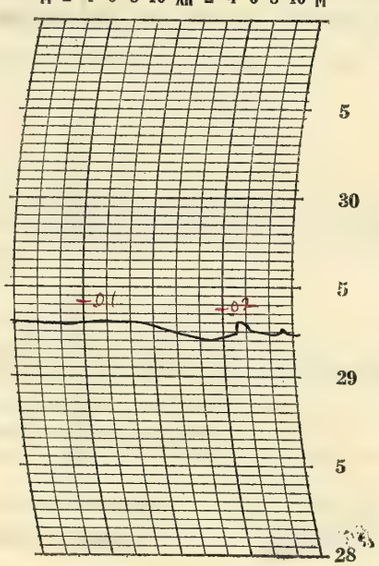

Prepared by C.A.B.

Verified by P. McDonough

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NOTES

The sky was overcast most of the day with haze starting before noon and continueing till about sundown. A light sprinkle of rain fell during the early morning and heavier showers after nightfall. Vivid lightning in the west at 6:35 p.m. A thunderstorm began 7:05 p.m and ended 8:40 p.m. A second thunderstorm began during the night p.m. and continued post midnight. (11 P.M.)

Solar halo, 22° radius, observed 12:50 p.m till 3:15 p.m. It did not become very bright at any time

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	68	68	67	67	68	68	65	66	67	71
State of weather: Nature of precipitation and time of beginning and ending	R cont'd	-	-	-	-	RE 5:15	RB 6:58	-	-	-	RE 10:15	
Amounts of precipitation	.05	.16	.13	.01	.01	.01	T	.01	.09	.12	T	
Cloudiness and other conditions	Cloudy										X Pt Cldy	
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.8
Wind direction	SE	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	7	13	13	11	9	13	12	17	20	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	76	78	78	77	74	72	71	70	68	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X Pt Cldy		X Clear		X	Pt Cldy			X Clear			
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	0.2	0						
Wind direction	SW	W	W	SW	SW	SW	SW	W	NW	W	W	W
Wind movement	14	15	12	14	15	12	10	7	7	3	4	5

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 3:00 p Cloudy

Sunset: Time, 5:30 Character, Cloudy
Moonset: — —

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.36 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, 1.59 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 42
Prevailing wind direction, S-SW Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 8:15 am
Reduced barometer, 30.12 7 a. m. 30.17 7 p. m.
River gage, 1.5 fall
Relative humidity, 95 7 a. m. 71 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

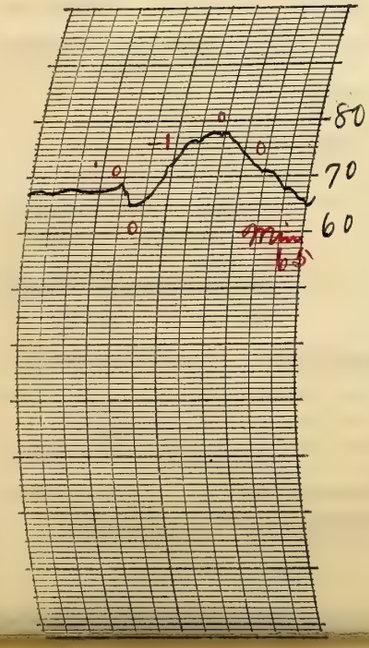
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 67.5
Dew-point, 66 R. humidity, 84 V. pressure, 638
Clouds: Amount, 3; Kind, Ci Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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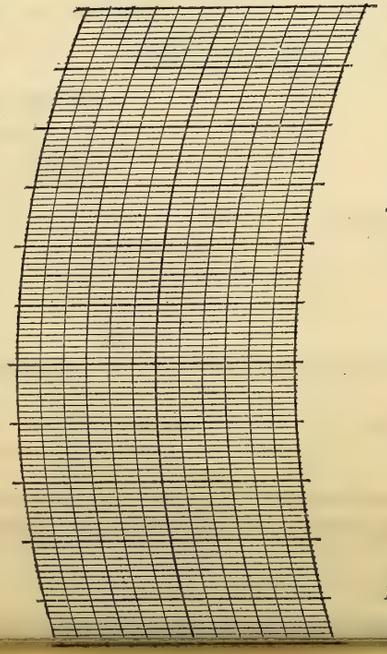
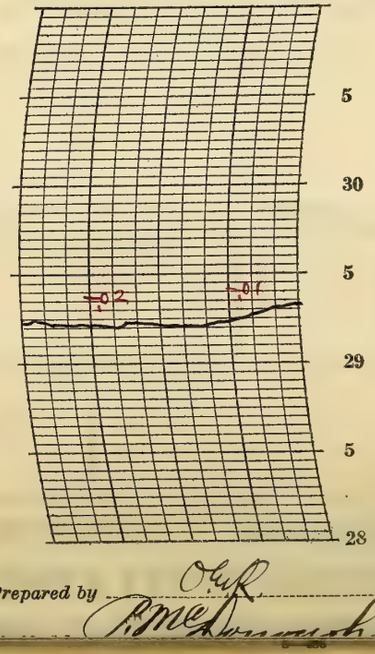


BAROGRAPH.



Prepared by O. G. R. P. McDonough

NOTES

A thunderstorm continued from the previous date and ended at 5:15 am. Showers continued nearly all forenoon. The cloudiness varied considerably after the middle of the day and the day as a whole was partly cloudy. The sky became clear after about 9:00 p.m. moonlight.

Temperature averaged somewhat above the normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	60	60	58	60	62	64	67	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					Pt cloudy	
Sunshine (in tenths of hours)						42 0	10 0	0.3	0.3	0.9	0.7	0.8
Wind direction	W	SW	SW	SW	W	SW	SW	W	NW	N	N	N
Wind movement	4	6	5	4	4	4	3	7	6	5	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	72	73	70	68	67	66	65	64	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Cloudy				
Sunshine (in tenths of hours)	0.9	0.1	0.3	0.8	0.2	0						
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	6	6	7	8	4	5	7	6	5	5	4

Sunrise: Time, 5:35; Character, Clear
Moonrise: 3:46 p; Character, Cloudy
Sunset: Time, 5:29; Character, Cloudy
Moonset: 1:06 a; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

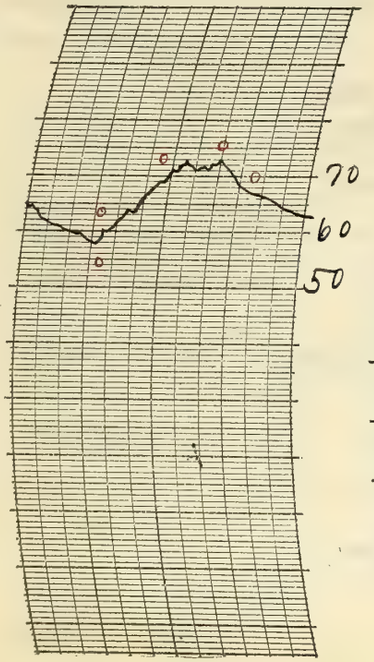
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.7 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 56
Prevailing wind direction, N Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 4:10 p. m.
Reduced barometer, 30.34 7 a. m. 30.33 7 p. m.
River gage, 2.5 feet
Relative humidity, 90 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.1 Wet temperature, 64.4
Dew-point, 61 R. humidity, 70 V. pressure, 30.6
Clouds: Amount, 4; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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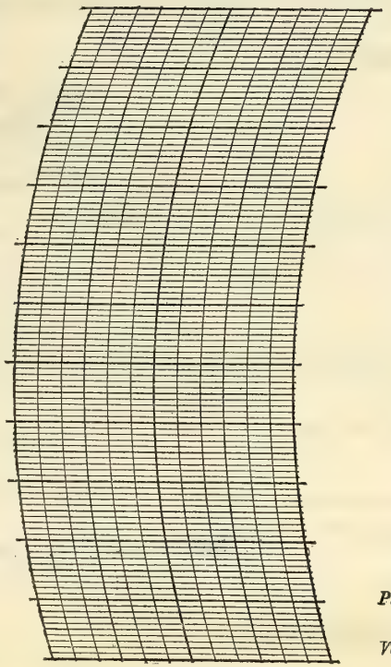

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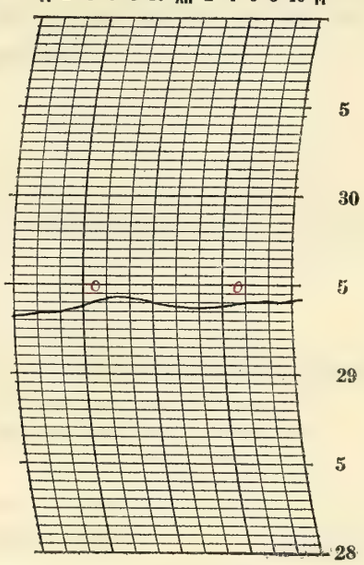

Prepared by O.E.R.

Verified by C. McDonough

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NOTES

Heavy deposit of dew in early morning.

The sky was partly cloudy during the greater part of the day. It was overcast into the night. Moderate temperatures.

Special flying forecasts were received from Chicago for the benefit of the Ford Reliability Tour — seventeen airplanes making a tour of several inland cities.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	61	61	60	62	63	66	66	66	67	66	68	66	65	64	62	61	61	60	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.1	0.5	0.8	0.3	0.6	0	0	0						
Wind direction	NE	E	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	5	3	3	3	4	5	6	7	6	8	7	8	8	7	7	8	7	7	9	7	7	5	6

Cloudy

Clear

Sunrise: Time, 5:36 Character, Cloudy

Moonrise: 4:26 p Cloudy

Sunset: Time, 5:27 Character, Cloudy

Moonset: 2:17 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	57	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.7 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 23

Prevailing wind direction, E Total wind, 149

Average hourly velocity, 6.2 Extreme velocity, 11

Maximum velocity, 11 Direction, E

Time began, 12:11 p.m.

Reduced barometer, 30.357 a. m. 30.28 p. m.

River gage, 3.3 feet

Relative humidity, 92 a. m. 79 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

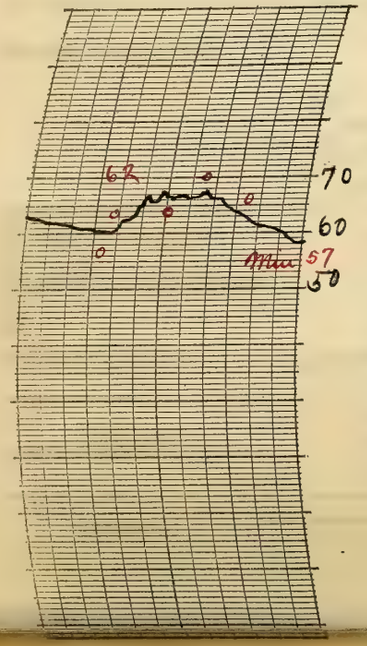
Dry temperature, 66.0 Wet temperature, 58.3

Dew-point, 54 R. humidity, 63 V. pressure, .417

Clouds: Amount, 9; Kind, cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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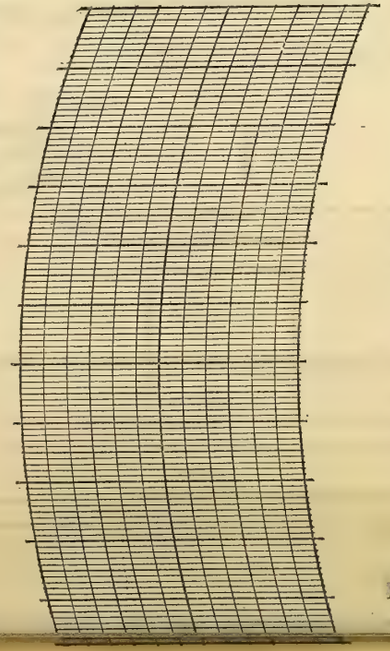
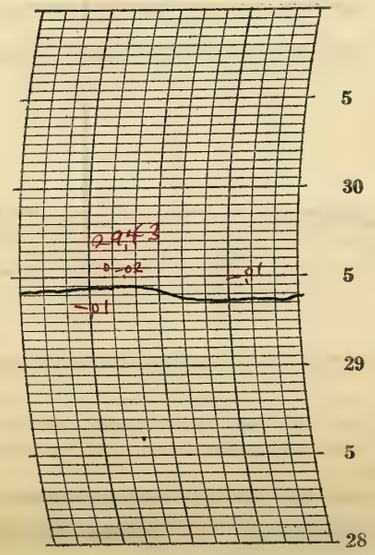


BAROGRAPH.



Prepared by O.W.P. P. McDonough

NOTES

The day was cloudy with little range in the temperature. About 9:00 p.m. the sky was clear with moonlight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 30 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	56	57	57	57	58	58	59	62	62	63	63	61	60	59	58	57	57	56	56	56	56
State of weather: Nature of precipitation and time of beginning and ending																RB 3:04 RE 3:25	RB 4:40 RE 4:50							
Amounts of precipitation																T	T							
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 5:37 Character, Cloudy
Moonrise: 5:01p Cloudy

Sunset: Time, 5:25 Character, Cloudy
Moonset: 3:29a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	10	8	8	8	7	8	10	8	10	13	13	12	11	13	12	10	11	12	11	11	10	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

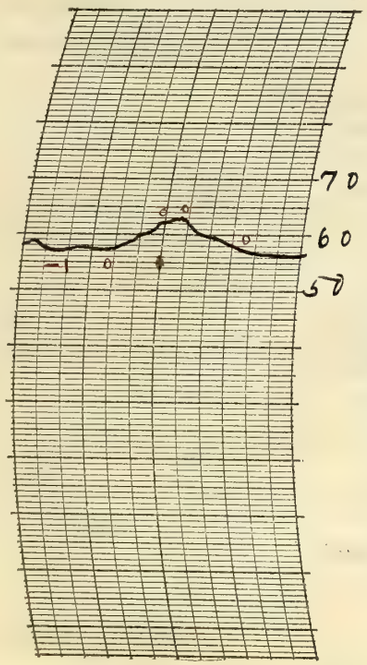
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	56	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 241
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 18 Direction, E
Time began, 11:16 am.
Reduced barometer, 30.30 7 a. m. 30.23 7 p. m.
River gage, 2.4 feet
Relative humidity, 82 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.5 Wet temperature, 54.5
Dew-point, 50 R. humidity, 64 V. pressure, 360
Clouds: Amount, 9; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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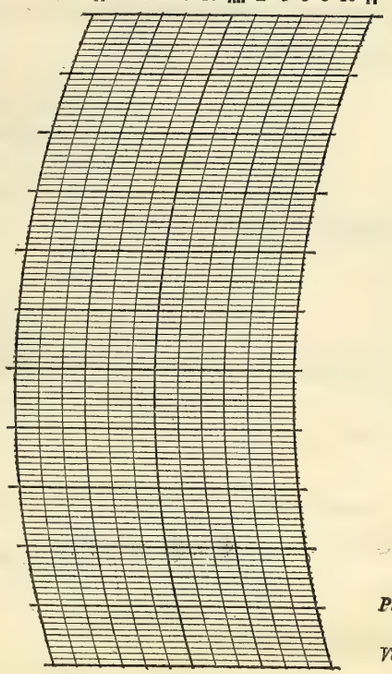
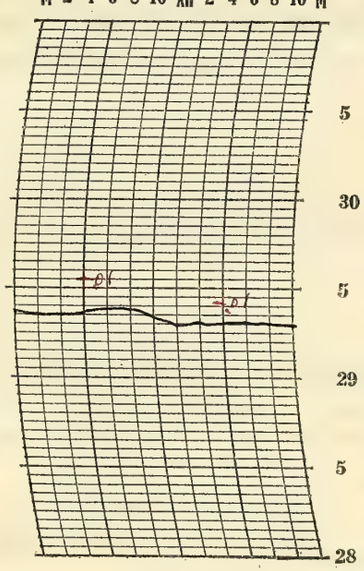


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was overcast all day with light sprinkles of rain in the afternoon. Cloudy into the night.

The range in temperature was small for the 24 hours. Temperature averaged about seasonal.

Chicago called for 12:00 noon (75th mer.) special observation.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 1 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	56	56	56	56	56	60	65	68	72	75	78	75	75	75	74	72	71	69	68	67	66
State of weather: Nature of precipitation and time of beginning and ending		RB AN	RE DN																					
Amounts of precipitation		T	T																					
Cloudiness and other conditions						←	Cloudy				×	←	lt smoke		Clear				→	×	Pt cloudy			→
Sunshine (in tenths of hours)						0	0	0	0	0.6	0.8	1.0	1.0	1.0	0.4	0	0	0						
Wind direction	E	E	NE	E	E	E	E	E	E	SE	S	S	SW	SW	N	NE	NE	E	SE	SE	SE	SE	S	S
Wind movement	7	7	6	5	7	6	6	6	4	4	4	2	3	3	5	5	3	4	4	4	2	5	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:38; Character, Cloudy
Moonrise: 5:34p; Cloudy
Sunset: Time, 5:23; Character, Cloudy
Moonset: 4:41a; Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

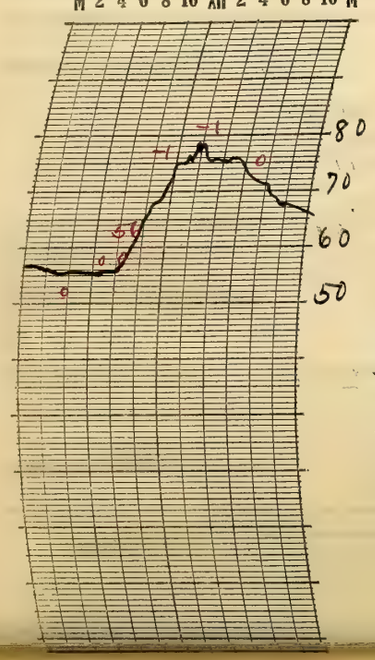
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase Full - 11:33 p
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 41
Prevailing wind direction, E Total wind, 114
Average hourly velocity, 4.8 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 12:20 am.
Reduced barometer, 30.22 7 a. m. 30.12 7 p. m.
River gage, 2.2 feet
Relative humidity, 88 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 63.7
Dew-point, 59 R. humidity, 63 V. pressure, .499
Clouds: Amount, 3; Kind, ~~St~~ Smoke Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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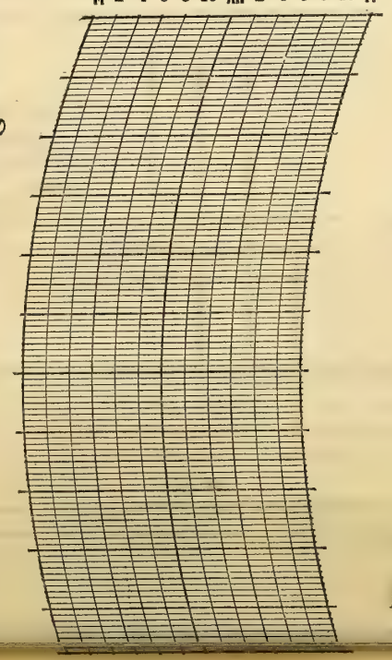
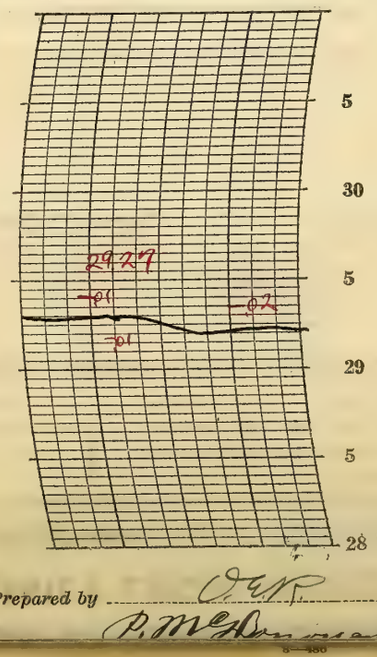


BAROGRAPH.



Prepared by O.E.R.
P. McDonough

NOTES

A light shower occurred during the night am. and the sky continued overcast about half of the forenoon. It was mostly clear during the middle of the day but there was light, local smoke due to light winds. The sky was partly cloudy into the night with the moon and brighter stars vraible through the thin clouds.

The temperature rose rapidly during the forenoon. Warm and pleasant in the afternoon.

Lunar halo observed at 7:30 pm. The halo continued into the 2nd. It was 22° radius. The halo was indistinct.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 2 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	64	64	64	62	63	64	68	72	65	65	68	71	69	67	66	64	62	60	61	60
State of weather: Nature of precipitation and time of beginning and ending							RB 6:35	- - -	- - -	RE 9:35		RB 11:55	RE 12:15 RB 12:40	RE 1:40										
Amounts of precipitation							.28	.38	.07	T		T	T	0.4										
Cloudiness and other conditions									Cloudy						Pt Cloudy						Clear			

Sunrise: Time, 5:39 Character, Cloudy
Moonrise: 6:06 p Cloudy
Sunset: Time, 5:32 Character, Cloudy
Moonset: 5:52 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	0.4	0.1	0	0.8	0.4	0	0						
Wind direction	S	S	S	S	S	S	SE	S	SW	SW	SW	NW	N	NE	E	NW	W	W	NW	W	NW	N	N	N
Wind movement	1	3	5	4	4	4	10	15	9	6	8	11	9	7	2	4	6	4	4	6	10	10	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

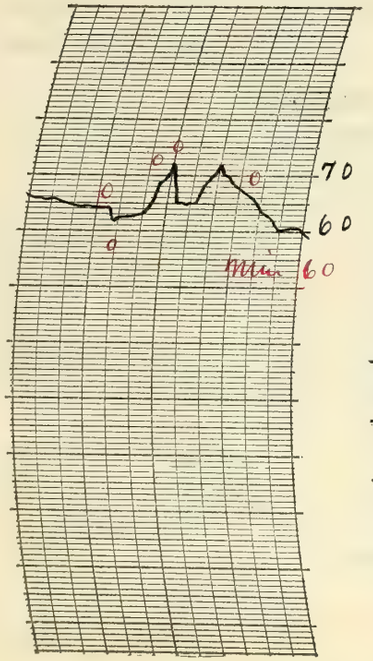
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	60	66	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .77 ins.
Total precipitation, midnight to midnight, .77 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.5 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 21
Prevailing wind direction, S Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 22
Maximum velocity, 17 Direction, NW
Time began, 11:53 am.
Reduced barometer, 30.09 7 a. m. 30.04 7 p. m.
River gage, 2.0 feet
Relative humidity, 92 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 72.3 Wet temperature, 66.0
Dew-point, 63 R. humidity, 72 V. pressure, .575
Clouds: Amount, 3 7; Kind, Cu Cu Nb; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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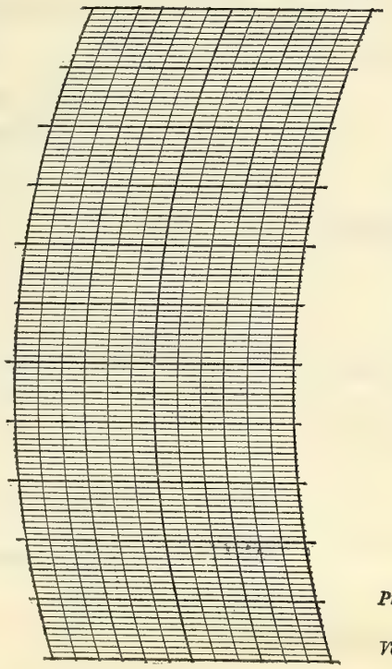
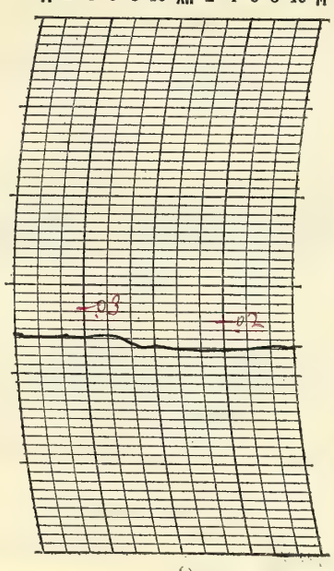


BAROGRAPH.



Prepared by OEP

Verified by P. McDonough

8—486

NOTES

The lunar halo continued from the 1st, ended during the night a.m.

A thunderstorm began 7:02 am and ended 9:35 am. Quite a heavy shower fell in connection with the thunderstorm. Light showers occurred about the middle of the day and a second thunder storm, from the northwest, began 11:40 am and ended 12:15 pm. The clouds broke away during the afternoon and the sky became clear after the 7:00 p.m. observation with bright moonlight.

Moderate temperatures.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 3 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	58	58	57	58	58	59	60	61	65
Nature of precipitation and time of beginning and ending					RB DN	RE DN	RB 6:38	RE 7:05				
Amounts of precipitation					T	T	T	T				
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character, 5:40 Cloudy												
Moonrise: 6:38p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.3
Wind direction	N	N	N	N	N	SW	W	S	N	N	S	SW
Wind movement	6	5	2	1	4	3	3	2	6	4	2	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	71	71	69	69	66	64	61	61	60	59	58
Nature of precipitation and time of beginning and ending											RB 10:30	RE 11:40
Amounts of precipitation											.01	.03
Cloudiness and other conditions	Partly Cloudy				Cloudy	Partly Cloudy				Cloudy		
Sunset: Time, Character, 5:20 Cloudy												
Moonset: 7:01a Cloudy												
Sunshine (in tenths of hours)	0.8	1.0	0.4	0	0	0						
Wind direction	N	W	W	W	NW	NE	E	E	E	E	E	E
Wind movement	3	3	4	4	4	4	5	8	7	7	7	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

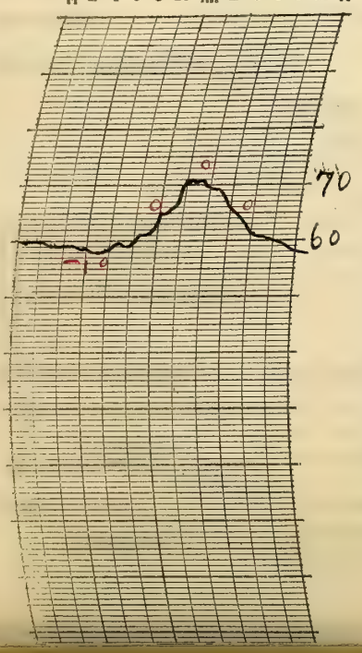
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.5 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 21
Prevailing wind direction, N Total wind, 103
Average hourly velocity, 4.3 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 8:44 a.m.
Reduced barometer, 30.06 7 a. m. 29.94 7 p. m.
River gage, 1.8 feet
Relative humidity, 94 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.0 Wet temperature, 59.2
Dew-point, 55 R. humidity, 71 V. pressure, 4.32
Clouds: Amount, 8; Kind, a St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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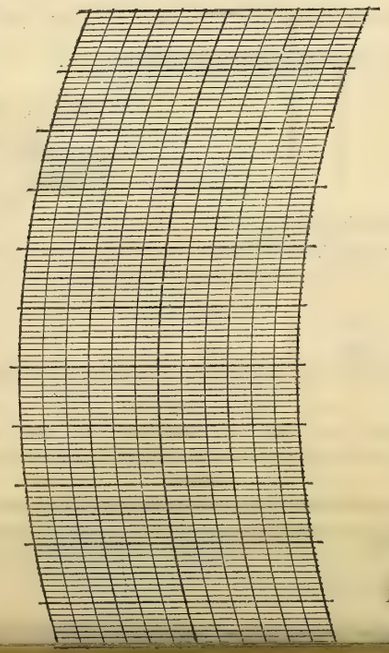
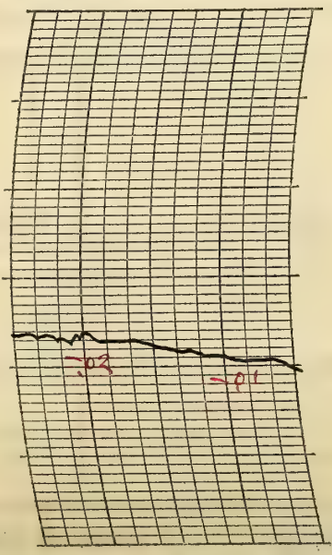


BAROGRAPH.



Prepared by O. E. P.
P. McDonough

NOTES

There were light showers during the early morning and the sky continued mostly overcast the rest of the day. It cleared partially in the afternoon and again immediately after the 7:00 p.m. observation. It became heavily clouded again about 8:00 p.m. and another shower fell late at night. Barometer fluctuated considerably.

Temperatures averaged above the normal.

Solar halo, 22° radius observed 2:00 p.m. till 3:15 p.m.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	53	55	54	54	54	54	54	56	57	60	62	64	62	58	57	56	56	54	53	52
State of weather: Nature of precipitation and time of beginning and ending	RB DN	-	-	-	RE DN				RB 8:30	RE 9:25						RB 3:25	RE 4:45							
Amounts of precipitation	T	.05	.10	T	.03				.20	.06						T	.01							
Cloudiness and other conditions						<					Cloudy								X		Clear			>

Sunrise: Time, 5:41; Character, Cloudy. Moonrise: 7:10 p, Clear.

Sunset: Time, 5:19; Character, Cloudy. Moonset: 8:07 a, Cloudy.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0.1	0	0	0						
Wind direction	E	SE	SE	SE	NE	E	E	E	E	N	NE	E	SE	SW	SW	W	W	NW	NW	NW	NW	W	NW	W
Wind movement	6	6	3	8	15	12	12	7	6	10	9	4	4	6	8	8	18	16	16	15	15	13	14	13

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

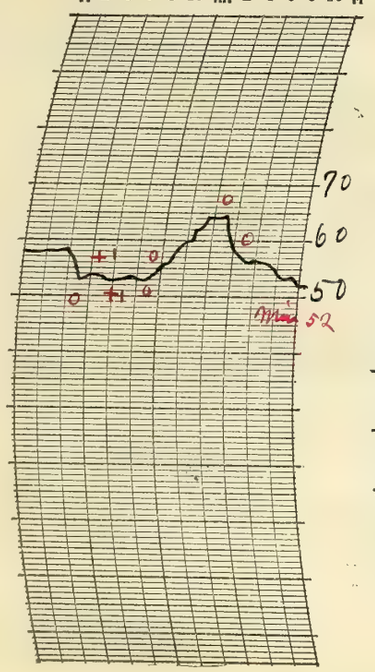
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	52	58	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .27 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 1
Prevailing wind direction, E Total wind, 244
Average hourly velocity, 10.2 Extreme velocity, 30
Maximum velocity, 27 Direction, NW
Time began, 4:43 p.m.
Reduced barometer 29.73 7 a. m. 29.70 7 p. m.
River gage, 2.1 feet
Relative humidity, 94 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 55.5 Wet temperature, 53.8
Dew-point, 52 R. humidity, 90 V. pressure, 387
Clouds: Amount, 10; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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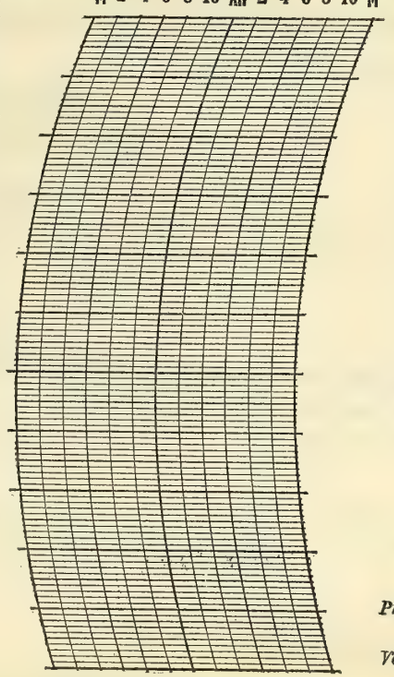
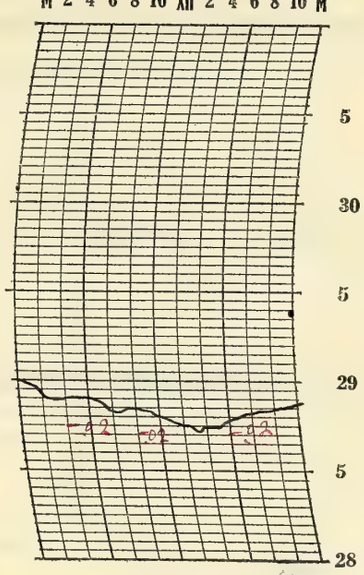


BAROGRAPH.



Prepared by O.E.R.

Verified by F. McDonough

8—486

NOTES

The sky was overcast all day with showers in the early morning, in the forenoon and afternoon. A thunderstorm began 8:55 am and ended 9:25 am. The barometer fluctuated considerably. It was falling until about 3:00 p.m. after which it rose. The wind became strong from the northwest in the late afternoon. The sky became clear after sunset.

Temperatures averaged about normal.

Chicago ordered 12 noon (75th M.T.) special observation.

Form No. 1014—Mo(1)

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 5 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	51	50	50	50	51	53	55	56	58
State of weather: Nature of precipitation and time of beginning and ending	RB DN	RE DN										
Amounts of precipitation	.01	.01										
Cloudiness and other conditions						<				Pt cloudy		
Sunshine (in tenths of hours)						0	0	0	0.7	0.5	0.5	0.8
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	13	9	12	10	8	6	9	9	11	11	10

Sunrise: Time, 5:42 Character, Cloudy
Moonrise: 7:45p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	60	59	58	57	56	56	55	54	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×			Cloudy			>	
Sunshine (in tenths of hours)	0.6	0.3	0.9	0	0	0						
Wind direction	NW	NW	W	NW	W	W	W	W	W	W	W	W
Wind movement	8	9	8	8	6	5	4	3	2	2	2	3

Sunset: Time, 5:17 Character, Cloudy
Moonset: 9:12a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

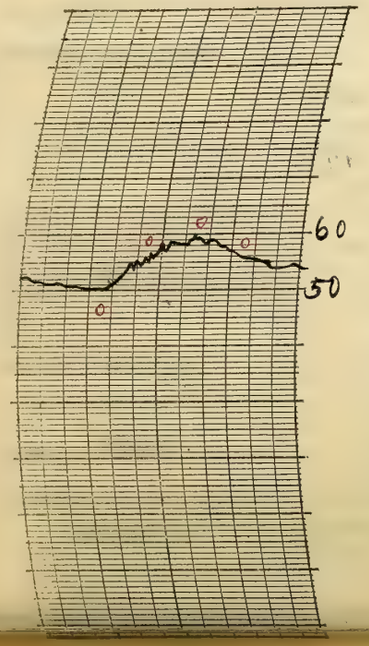
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	50	55.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.3 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 37
Prevailing wind direction, NW Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 8:59 am.
Reduced barometer, 29.92 7 a. m. 29.96 7 p. m.
River gage, 3.1 feet
Relative humidity, 87 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.7 Wet temperature, 49.2
Dew-point, 41 R. humidity, 54 V. pressure, .256
Clouds: Amount, 3 3; Kind, Ci+cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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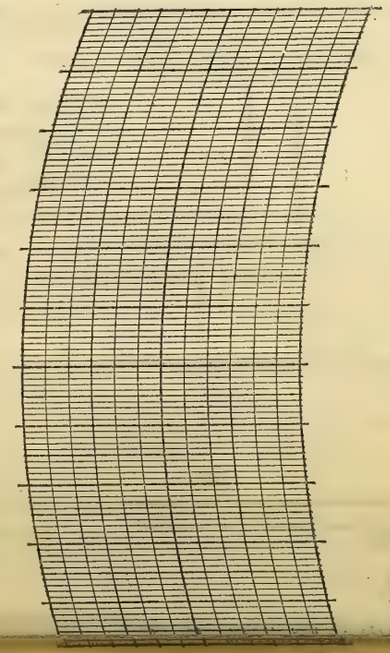
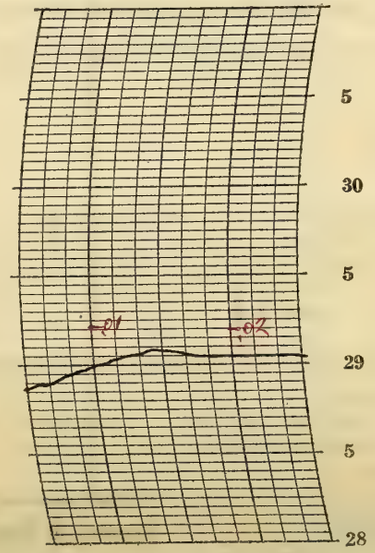


BAROGRAPH.



Prepared by O.K.R.
P McDonough

NOTES

The sky was partly cloudy during the day. It was overcast into the night. A light shower occurred in the early morning.

The temperature varied only slightly during the 24 hours and the average was about normal.

Solar halo, 22° radius, observed 11:40 am till 4:30 p.m. It was brightly colored above the sun at times.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) OCT 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	52	52	53	54	55	55	54	52	53	54	54	54	54	54	53	52	49	46	45	44
State of weather: Nature of precipitation and time of beginning and ending				RB DK	RE DK					RB 9:45	- - -	- - -	- - -	- - -	- - -	RE 3:40			RB 6:30	RE 7:30				
Amounts of precipitation				T	T					T	02	.04	.02	.01	T	T			T	T				
Cloudiness and other conditions						<						Cloudy								>	<	Clear	>	

Sunrise: Time, 5:43 Character, Cloudy
Moonrise: 8:23 p Cloudy
Sunset: Time, 5:15 Character, Cloudy
Moonset: 10:15 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	W	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	N	N	N	N	N
Wind movement	4	6	6	5	5	8	7	5	8	11	11	7	9	9	8	6	6	5	8	7	10	9	8	5
Maximum velocities (exceeding 2.9 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

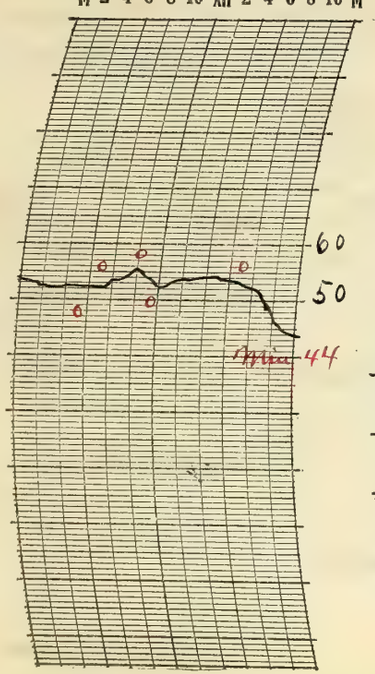
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.9 ins.
Total precipitation, midnight to midnight, 0.9 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 10:07 am
Reduced barometer, 29.92 a. m. 29.96 7 p. m.
River gage, 2.9 feet
Relative humidity, 82 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.0 Wet temperature, 50.5
Dew-point, 49 R. humidity, 91 V. pressure, .347
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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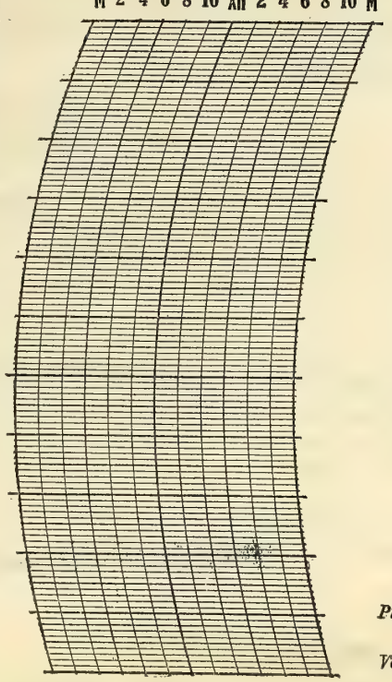

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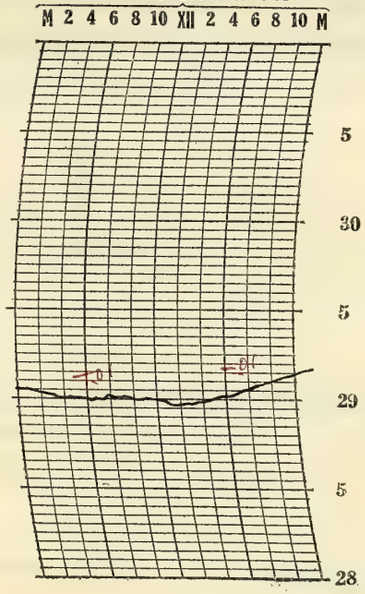


Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was overcast all day. There were light showers for a considerable part of the time but the total rainfall was not large. The sky cleared late at night.

The weather was damp and chilly. There was little range in the temperature.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 7 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	39	38	37	39	42	43	46	47	50	52	53	53	53	52	51	50	48	47	45	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunrise: Time, Character,	5:44 Clear																							
Moonrise:	9:05p Cloudy																							
Sunset: Time, Character,																					5:14 Cloudy			
Moonset:																					11:13a Clear			
Sunshine (in tenths of hours)						27 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0	0						
Wind direction	N	N	NE	N	N	N	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	8	7	5	3	4	7	10	9	6	6	6	5	6	6	6	5	4	3	4	8	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

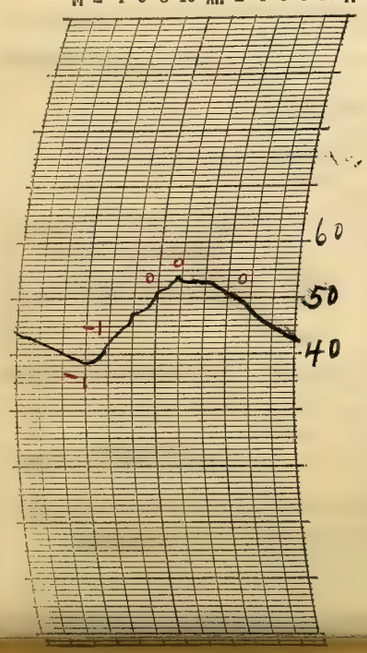
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.3 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 81
Prevailing wind direction, NE Total wind, 144
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:52 am
Reduced barometer, 30.18 7a. m. 30.167 p. m.
River gage, 2.6 feet
Relative humidity, 78 7a. m. 66 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 43.4
Dew-point, 36 R. humidity, 58 V. pressure, 211
Clouds: Amount, 1; Kind, Stcu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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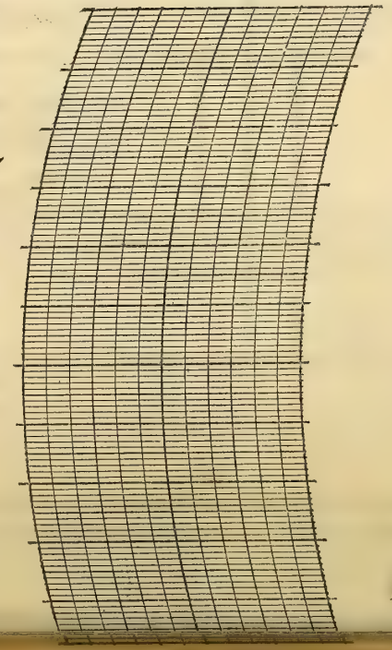
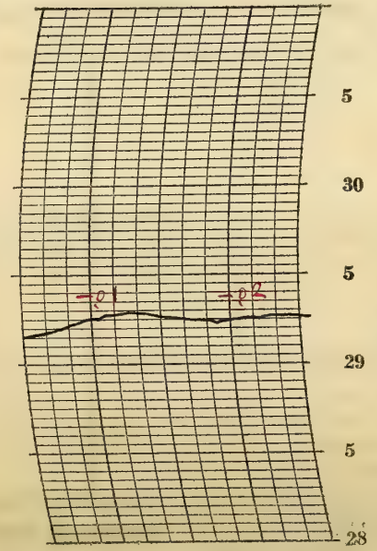


BAROGRAPH.



Prepared by O.W.R.
P. Meadowcroft

NOTES

Light frost in the early morning.

Sky clear all day. Stars visible through thin upper clouds at night.

It was rather cool in the morning and the temperature for the day averaged somewhat below the normal.

Cirro-stratus clouds moving rapidly from the west during the afternoon.

FORM NO. 1014—MC'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 8 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	41	41	41	43	48	51	53	55	56	58	59	60	60	58	57	55	54	54	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																								RB DN
Amounts of precipitation																								T
Cloudiness and other conditions									Pt cloudy						Clear				Pt cldy			Cloudy		
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	N	N	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	5	7	5	5	5	4	4	4	2	4	3	5	4	4	5	6	5	3	4	3	4	2	5	6

Sunrise: Time, 5:45; Character, Cloudy. Moonrise: 9:51p Cloudy. Sunset: Time, 5:12; Character, Cloudy. Moonset: 12:08p Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

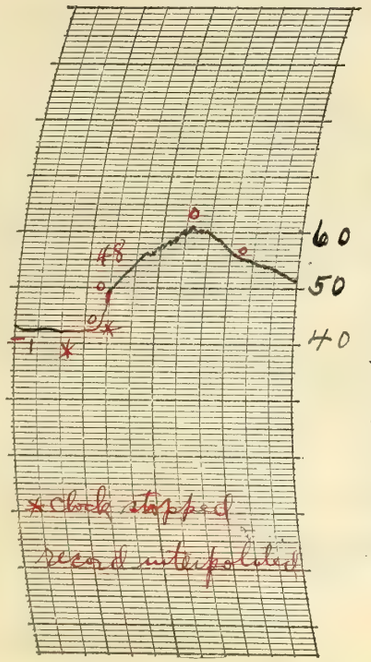
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.3 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 55
Prevailing wind direction, NE Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 2:54 am
Reduced barometer, 30.17 7 a. m. 30.06 7 p. m.
River gage, 2.6 feet
Relative humidity, 85 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 47.5
Dew-point, 39 R. humidity, 53 V. pressure, .237
Clouds: Amount, 4; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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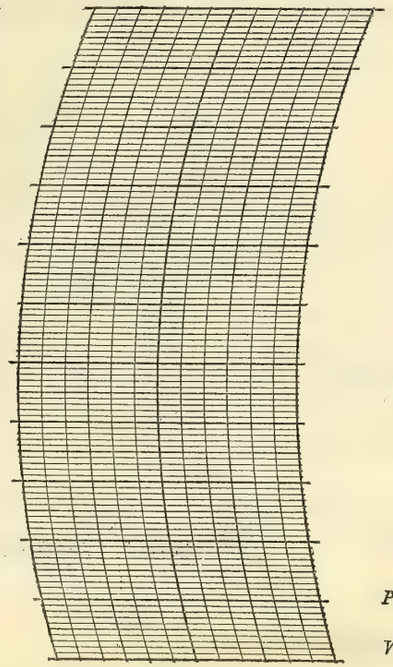
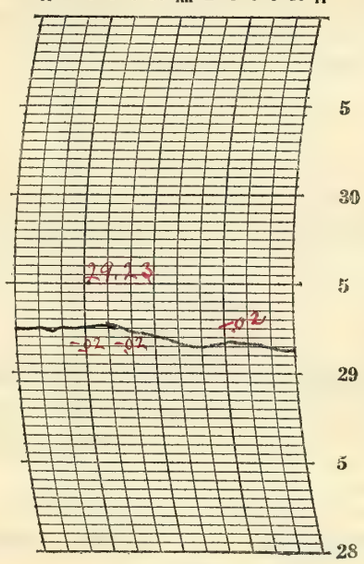


BAROGRAPH.



Prepared by O. E. R.

Verified by P. McDonough

8—486

NOTES

By observation Light frost in the a. m.
Upper clouds prevailed the greater part of the time altho the day as a whole was clear. The clouds lowered after nightfall and a light shower began a while before midnight and continued into the following day.
Temperatures were slightly below the normal.

Solar halo, 22° radius, observed 9:53 am until about 12:00 noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	46	46	42	38	34	35	37	39	42	43
State of weather: Nature of precipitation and time of beginning and ending						RE DN SNB DN			SNE 8:40			
Amounts of precipitation	.02	.01	.01	T	.04	.03	.04	.02	T			
Cloudiness and other conditions						Cloudy						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	44	44	43	43	40	38	36	35	34	33
State of weather: Nature of precipitation and time of beginning and ending		RB 1:35p RE 1:50	RB 2:12 RE 2:35									
Amounts of precipitation		T	.01									
Cloudiness and other conditions							Pt cldy			Clear		

Sunrise: Time, 5:46 Character, Cloudy
Moonrise: 10:41p Clear
Sunset: Time, 5:10 Character, Cloudy
Moonset: 12:57p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.2	0.2	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	7	5	6	7	12	11	11	9	12	10	10	10	10	9	8	11	11	12	9	8	9	6	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

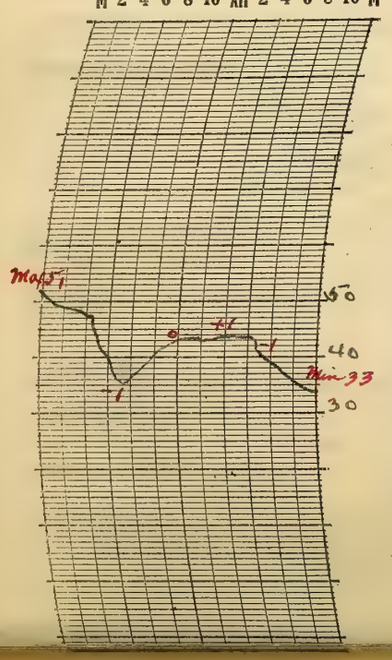
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	33	42	

Total depth of snow for 24 hours ending 7 p. m., T° inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T° inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase, Last Quarter 12:34 p.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 4
Prevailing wind direction, N Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 16
Maximum velocity, 15 Direction, N
Time began, 8:33 am.
Reduced barometer, 30.03 7 a. m. 30.23 7 p. m.
River gage, 2.4 falls
Relative humidity, 100 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.6 Wet temperature, 38.6
Dew-point, 34 R. humidity, 70 V. pressure, 1.95
Clouds: Amount, 10; Kind, St-cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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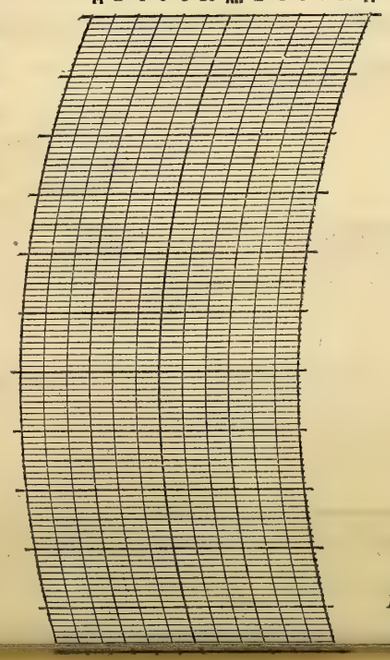
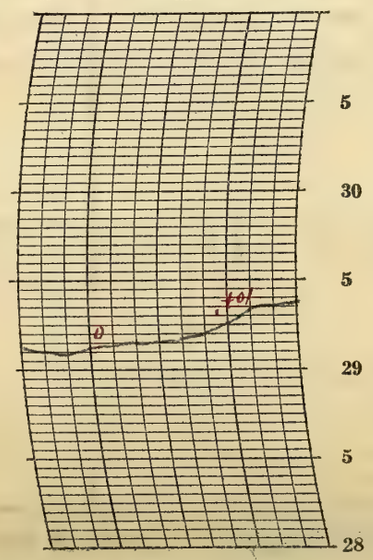


BAROGRAPH.



Prepared by O. E. R.
P. McDonough

NOTES

° Melted as it fell.

A light rain continued from the previous date and turned into snow in the early morning. The sky remained mostly overcast all day with light showers in the afternoon. It was clearing rapidly at the time of the p.m. observation and remained clear into the night. Stars bright.

The temperature fell rapidly in the early morning. The weather was cool with a sharp wind from the north

Form No. 1014—Mc6'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 10 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	31	32	34	36	38	40	41	42	47	45	46	43	42	42	41	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	0.8	0.3	0.6	0.2	0.2	0.8 0	0.15 0						
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	NW	W	W	NW	NW	W	W	W	SW	SW
Wind movement	7	6	7	6	7	7	7	8	9	7	7	11	9	8	7	8	8	5	3	2	4	5	4	6

Pt Cloudy → Clear →

Sunrise: Time, 5:47; Character, Cloudy. Moonrise: 11:34p, Cloudy.

Sunset: Time, 5:09; Character, Clear. Moonset: 1:41p, Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 47

Prevailing wind direction, W Total wind, 158

Average hourly velocity, 6.6 Extreme velocity, 14

Maximum velocity, 13 Direction, W

Time began, 11:47 am

Reduced barometer, 30.42 7 a. m. 30.34 7 p. m.

River gage, 2.0 feet

Relative humidity, 79 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

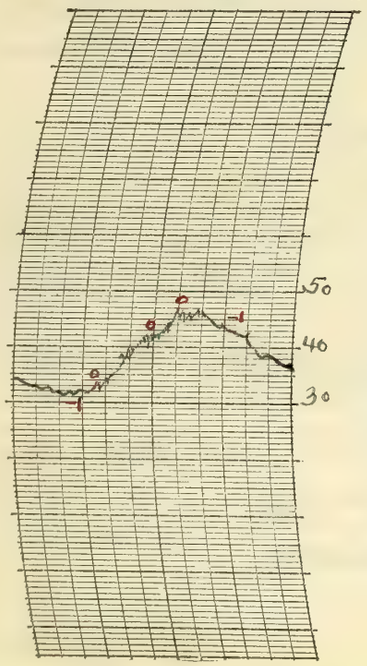
Dry temperature, 41.0 Wet temperature, 35.5

Dew-point, 28 R. humidity, 58 V. pressure, .150

Clouds: Amount, 7; Kind, Stcu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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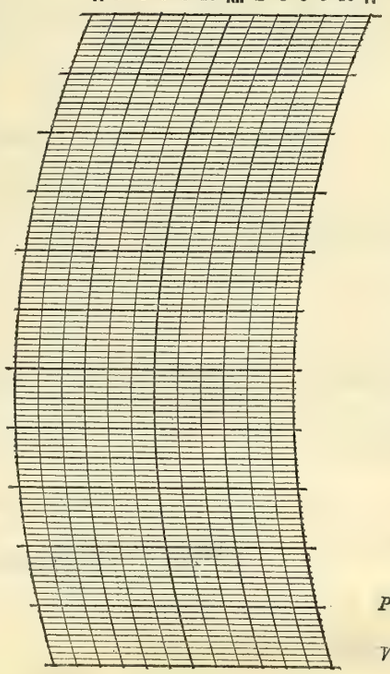
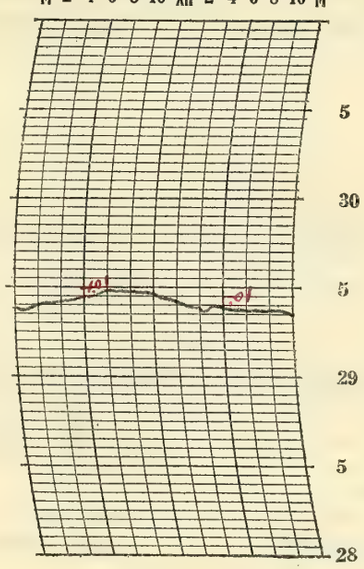


BAROGRAPH.



Prepared by P. McGonigle

Verified by P. McGonigle

8—486

NOTES

Killing frost in the early morning.

The word "Clear" was added to the a. m. signal.

Partly cloudy during greater part of the day and clear at night. Alto-Cumulus clouds from Northwest Stand in the morning and Strato-Cumulus clouds from the northwest in late forenoon and afternoon.

The day was cold, raw, and unpleasant. The killing frost in the early morning did little damage as crops were too far advanced to be hurt, but out door flowers, etc, unprotected were nipped.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 11 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	36	37	37	38	43	46	48	49	50	51	50	49	48	48	48	48	48	48	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy									Cloudy							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.3	0	0.2	0	0	0	0						
Wind direction	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	6	7	7	9	9	10	11	15	17	18	17	18	16	17	11	9	8	8	13	12	11	11

Sunrise: Time, 5:48 Character, Cloudy
Moonrise: — —

Sunset: Time, 5:07 Character, Cloudy
Moonset: 2:21 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

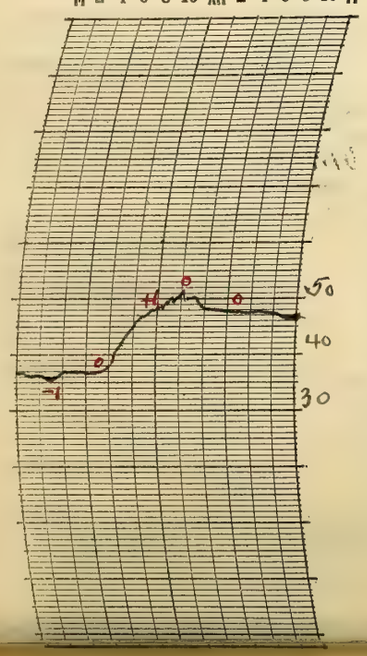
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind, 273
Average hourly velocity, 11.4 Extreme velocity, 22
Maximum velocity, 22 Direction, SW
Time began, 12:08 P.M.
Reduced barometer, 30.24 7 a. m. 30.12 7 p. m.
River gage, 2.3 feet
Relative humidity, 70 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 44.0
Dew-point, 39 R. humidity, 67 V. pressure, .237
Clouds: Amount, 9; Kind, St-Cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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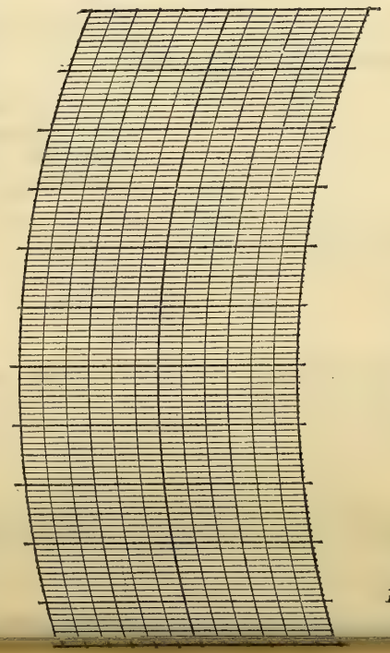

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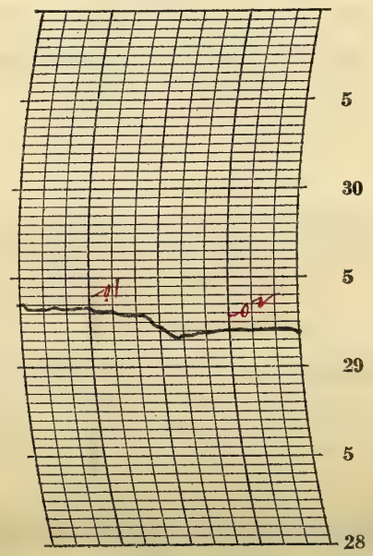


Prepared by P. McDonough
P. McDonough

NOTES

The weather during the day was generally cloudy and cool.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	46	46	46	47	48	50	52	53	53	55	54	54	54	53	53	52	51	51	51	50
State of weather: Nature of precipitation and time of beginning and ending				RB 3.N RE 3n												RB 355 RE 358								
Amounts of precipitation				T												T								
Cloudiness and other conditions							Cloudy										Cloudy							

Sunrise: Time, 5:49 Character, Cloudy
Moonrise: 12:30a Cloudy?

Sunset: Time, 5:06 Character, Cloudy
Moonset: 2:56p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	9	8	7	6	6	7	8	7	6	6	6	5	6	5	4	5	3	3	3	2	1	3	1	2

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

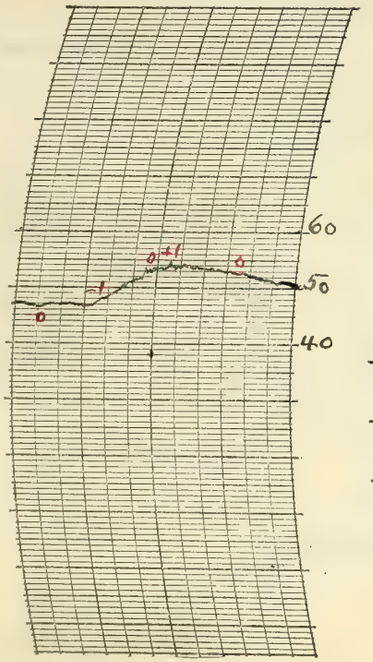
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	46	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 119
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, W
Time began, 1:21 am
Reduced barometer, 30.10 7 a. m. 30.12 7 p. m.
River gage, 1.8 feet
Relative humidity, 89 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 49.9
Dew-point, 47 R. humidity, 81 V. pressure, .322
Clouds: Amount, 10; Kind, Stcu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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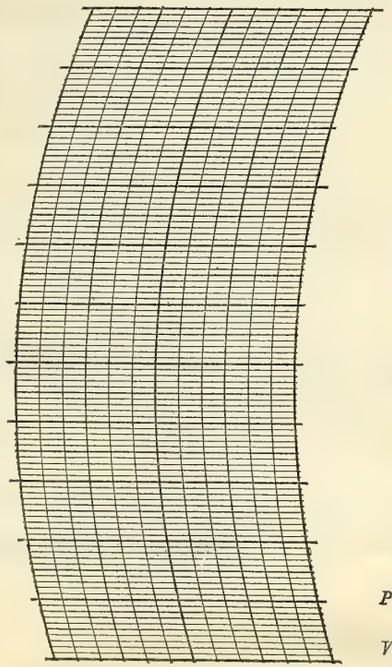
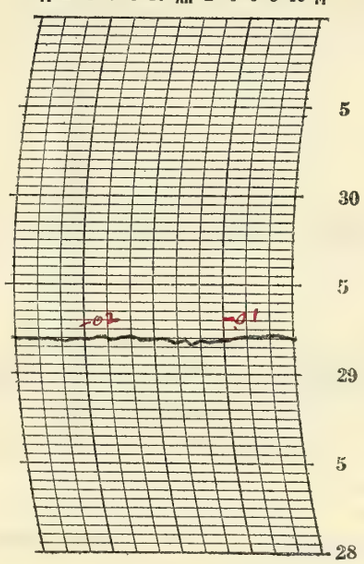


BAROGRAPH.



Prepared by P. McDonough
Verified by P. McDonough

8—486

NOTES

Cool, cloudy day, with little variation in temperature.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 13 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	46	46	47	47	48	52	53	54	55	59	59	59	58	57	56	55	54	53	52	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy										Cloudy						Partly Cloudy	Clear	Cloudy			
Sunrise: Time, Character,	5:51 Cloudy																							
Moonrise:	11:28a Cloudy																							
Sunset: Time, Character,																					5:04 Cloudy			
Moonset:																					3:28p Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0	0.3	0.6	0.4	0.2	0	0						
Wind direction	W	NW	NE	NE	NE	NE	E	E	E	E	E	SE	SE	SE	SE	E	SE	S	S	SE	SE	SE	SE	SE
Wind movement	2	3	3	4	6	7	5	5	4	4	4	5	3	5	5	4	4	6	5	3	4	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.7 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 15

Prevailing wind direction, SE Total wind, 105

Average hourly velocity, 4.4 Extreme velocity, 9

Maximum velocity, 9 Direction, S

Time began, 11:45 P.M.

Reduced barometer, 30.13 7 a. m. 30.06 7 p. m.

River gage, 1.7 feet

Relative humidity, 93 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

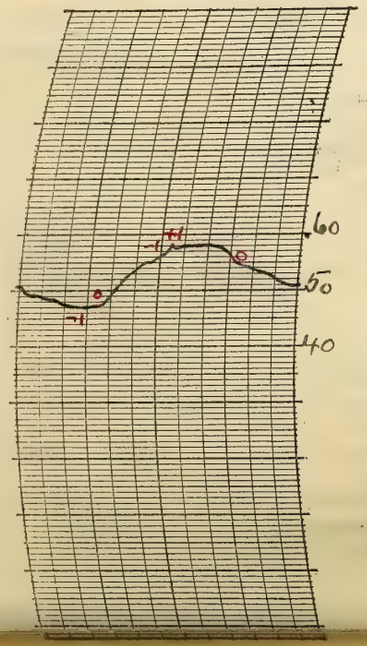
Dry temperature, 55.2 Wet temperature, 51.2

Dew-point, 48 R. humidity, 76 V. pressure, .334

Clouds: Amount, 10; Kind, St. cu.; Direction, SE

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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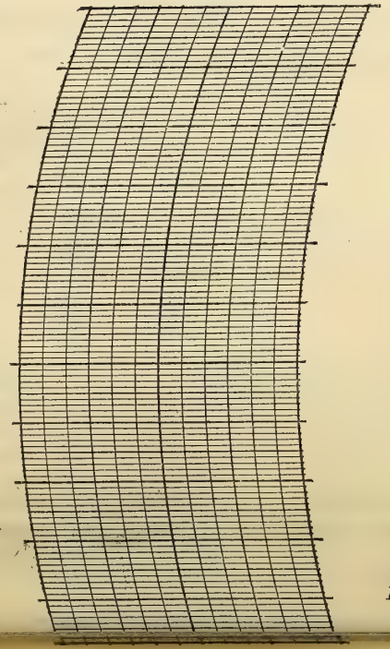
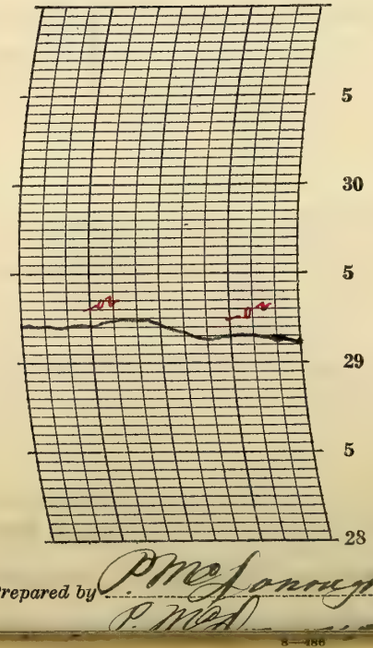


BAROGRAPH.



Prepared by P. McDonough
P. McD.

NOTES

Generally cloudy and cool weather

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	51	52	52	52	53	53	56	57	58	61	63	64	63	62	61	60	55	54	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:12	RE 6:25 RB 6:56			RE 9:30		
Amounts of precipitation		T																T	T	T	T	T		
Cloudiness and other conditions		T				Light smoke						X					Cloudy							T

Sunrise: Time, 5:52 Character, Cloudy
Moonrise: 2:27 a Cloudy ?
Sunset: Time, 5:02 Character, Cloudy
Moonset: 3:58 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2	0.4	0.7	0	0	0	0						
Wind direction	S	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW
Wind movement	6	4	5	4	6	7	4	9	9	10	10	10	10	11	11	9	6	9	6	11	7	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

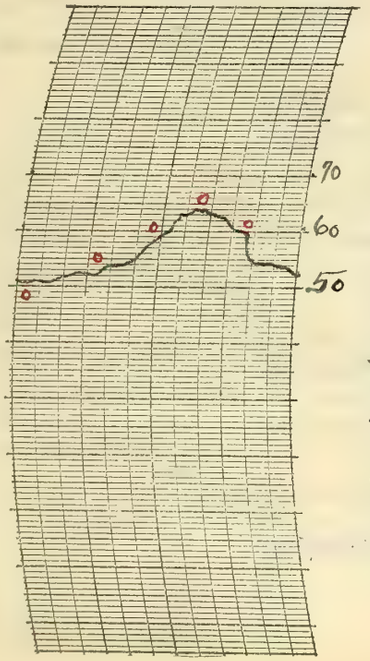
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	50	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.3 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 12
Prevailing wind direction, S Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 7:18 P.M.
Reduced barometer, 29.88 7 a. m. 29.70 7 p. m.
River gage, 1.6 feet
Relative humidity, 94 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 54.7
Dew-point, 52 R. humidity, 81 V. pressure, .387
Clouds: Amount, 10; Kind, St-Cu.; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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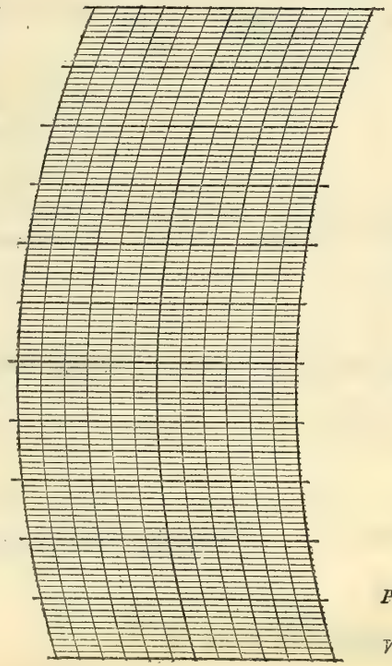
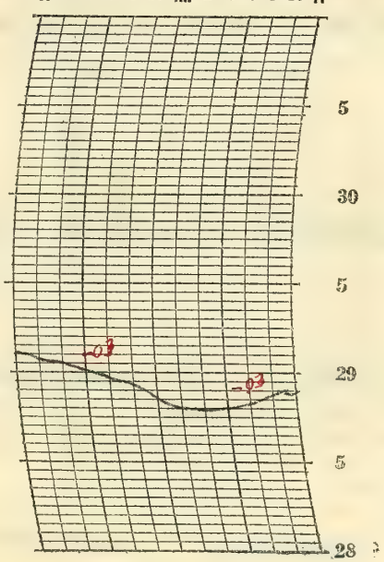


BAROGRAPH.



Prepared by P. McDonough
Verified by P. McDonough

8—486

NOTES

Light smoke begun during the early morning and continued until 10 a.m. Cloudy with moderate temperature and a drizzle of rain in the late afternoon and early night. Rather unpleasant weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 15 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	46	45	44	45	45	48	50	53	54	55	59	59	59	58	57	54	52	51	50	49	48	47
State of weather: Nature of precipitation and time of beginning and ending												RB 1134 RE 1135												
Amounts of precipitation												T												
Cloudiness and other conditions			7	Cloudy									Cloudy	Pt. Cloudy			Clear	Pt. Cloudy						
Sunshine (in tenths of hours)						0	0	0	0	02	0	0	06	06	09	05	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	6	4	4	5	3	2	1	2	2	5	8	9	11	11	12	13	11	10	7	6	6	5	6	8

Sunrise: Time, 5:53 Character, Cloudy
Moonrise: 3:28a Cloudy
Sunset: Time, 5:01 Character, Cloudy
Moonset: 4:26p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

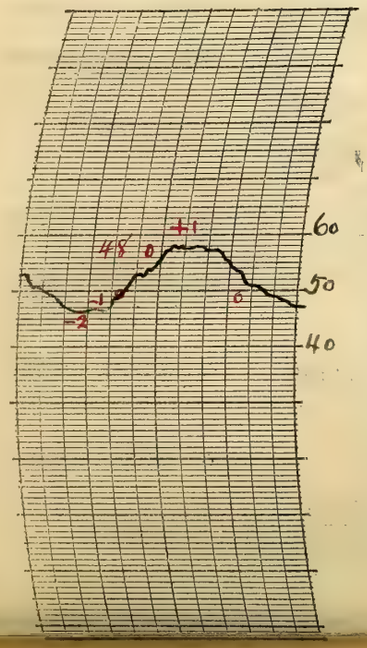
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.8 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 12:44 P.M.
Reduced barometer, 29.82 7 a. m. 29.86 7 p. m.
River gage, 1.7 feet
Relative humidity, 93 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.6 Wet temperature, 50.4
Dew-point, 47 R. humidity, 75 V. pressure, .322
Clouds: Amount, 9; Kind, St. Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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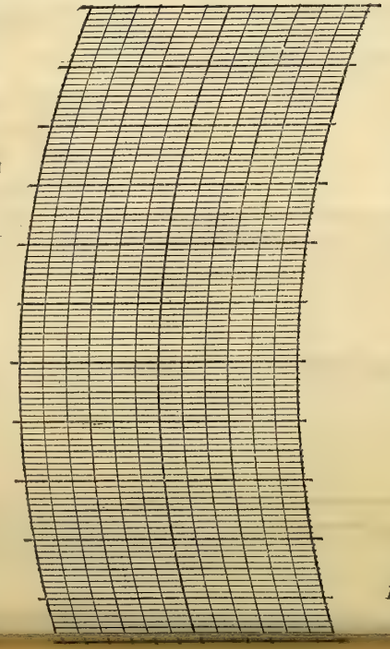
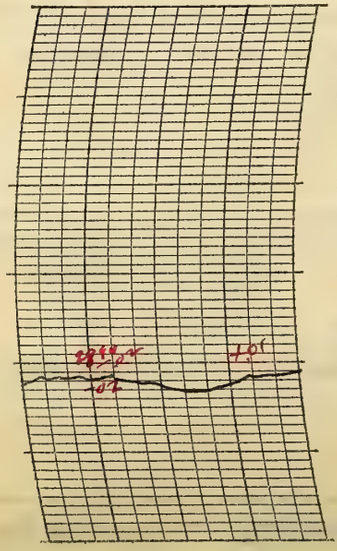


BAROGRAPH.



Prepared by P. McDonough
P. McDonough

NOTES

Heavy dew in the early morning.
Light fog from 7:30 am to 8:00 am
Dense fog from 8:00 am to 9:20 am, the fog was thickest to the north and west with buildings visible at a distance of about 1000 feet
Variable cloudiness, with am. generally cloudy and afternoon Partly Cloudy. About Normal temperature prevailed. Rather pleasant weather

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 16 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	43	43	44	45	47	51	55	57	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy			X		Cloudy		
Sunshine (in tenths of hours)						0	0	0	0.4	0.1	0.1	0
Wind direction	SW	SW	SW	S	S	SW	SW	S	S	S	SE	S
Wind movement	6	9	8	8	7	6	3	5	8	7	7	7

Sunrise: Time, 5:54 Character, Cloudy
Moonrise: 4:31A Cloudy (?)

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	51	51	51	49	48	47	47	47	47	46
State of weather: Nature of precipitation and time of beginning and ending	RB 1220	-	-	-	-	-	-	-	-	-	Continued	
Amounts of precipitation	T	.04	.07	T	T	.05	.05	.04	.03	.01	.02	.02
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	NE	NE	E	NE	NE	NE	NE	NE	N	N
Wind movement	4	2	5	8	7	5	11	10	8	9	10	9

Sunset: Time, 4:59 Character, Cloudy
Moonset: 4:54p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

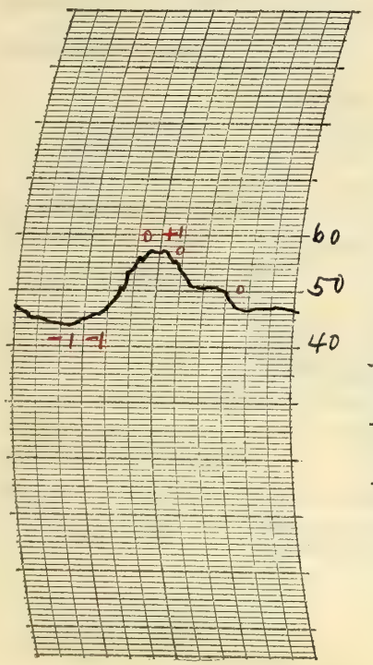
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins.
Total precipitation, midnight to midnight, .33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 5
Prevailing wind direction, South Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 12
Maximum velocity, 2 Direction, NE
Time began, 12:22 P.M.
Reduced barometer, 29.90 7 a. m. 29.71 7 p. m.
River gage, 1.6 feet
Relative humidity, 93 7 a. m. 93 7 p. m.

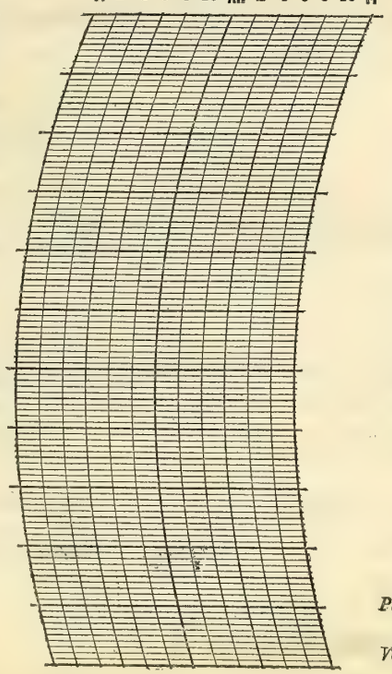
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 50.0
Dew-point, 44 R. humidity, 61 V. pressure, .287
Clouds: Amount, 10; Kind, Stcu; Direction, S
Velocity of clouds (miles per hour)

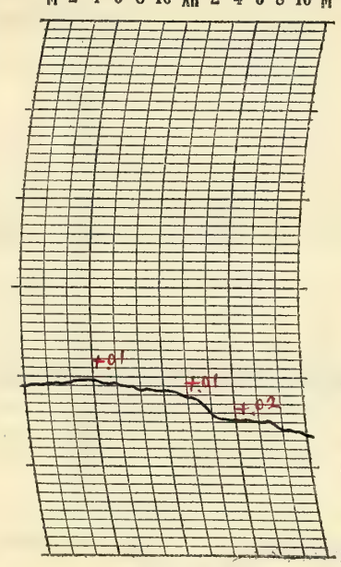
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by P. McDonough

Verified by P. McDonough

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NOTES

Heavy dew in the early a.m.
Chicago ordered 2 pm (75th M.T.)
Observation

Generally cloudy and unsettled weather. Rain began at 12:20 pm and continued into the early morning of the 17th.

Rather unpleasant. Cool in the morning and night, with about normal mid day temperatures, but the temperature fell steadily after 2 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 17 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	47	44	42	41	41	41	42	44	46	48	49	52	53	53	50	49	48	46	44	43	42	43
State of weather: Nature of precipitation and time of beginning and ending	Continued			RE D.N.																				
Amounts of precipitation	03	.03	.01	T																				
Cloudiness and other conditions	Cloudy							Pa. Cloudy					Pt. Cloudy						Clear					
Sunshine (in tenths of hours)						0	0	0.1	0.2	0.9	1.0	1.0	1.0	0.9	1.0	0.8	0							
Wind direction	N	N	NW	NW	N	N	N	N	N	N	N	NW	NW	NW	W	SW	W	W	W	W	W	W	W	W
Wind movement	8	7	11	17	15	13	8	10	12	9	9	7	10	9	7	7	5	4	2	1	1	2	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:55 Character, Cloudy
Moonrise: 5:33a Cloudy

Sunset: Time, 4:58 Character, Cloudy
Moonset: 5:23p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

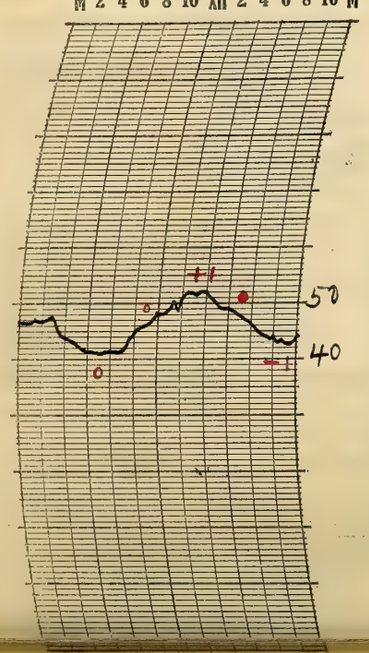
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	41	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m.: .21 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Partly Cloudy Moon phase, NEW 12:06p
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.9 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 63
Prevailing wind direction, N & W Total wind, 178
Average hourly velocity, 7.4 Extreme velocity, 23
Maximum velocity, 23 Direction, NW
Time began, 3:06 am
Reduced barometer, 29.92 7 a. m. 30.04 7 p. m.
River gage, 1.6 feet
Relative humidity, 88 7 a. m. 63 7 p. m.

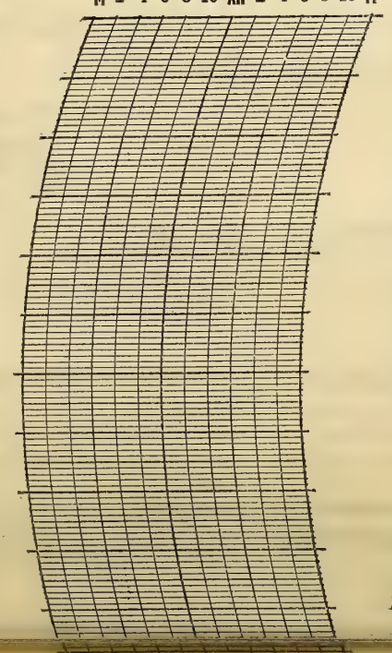
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 41.5
Dew-point, 33 R. humidity, 56 V. pressure, .187
Clouds: Amount, 4; Kind, Cu.; Direction, N
Velocity of clouds (miles per hour)

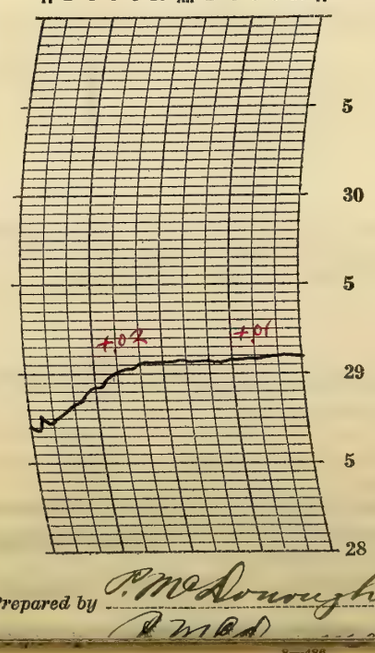
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by P. McDonough

NOTES

The rain that continued from the 16th ended during night of the 9 m. Cloudy in the early morning, mostly partly cloudy during the day and clear at night.

The temperature variation was small, the day temperatures being about normal. The day was pleasant and the weather invigorating.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 18 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	44	44	44	44	44	45	47	47	46
State of weather: Nature of precipitation and time of beginning and ending								RB 7:45	-	-	-	-
Amounts of precipitation								T	T	.01	T	T
Cloudiness and other conditions			?	L	Cloudy							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	48	48	48	48	47	47	48	48	45	40	37
State of weather: Nature of precipitation and time of beginning and ending	RE 12:20										RB TE DN	
Amounts of precipitation	T											
Cloudiness and other conditions	X			Cloudy							T	

Sunrise: Time, 5:56 Character, Cloudy
Moonrise: 6:39a Cloudy

Sunset: Time, 4:56 Character, Cloudy
Moonset: 5:55p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	S	S	S	S	S	S	S	S	SW	SW
Wind movement	2	2	5	3	2	2	4	4	6	6	9	12
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	W	W
Wind movement	12	12	14	11	10	8	11	13	13	19	22	20
Maximum velocities (exceeding 29 miles) direction and time											30 W 10:27	

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 0
Prevailing wind direction, S-SW Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 35
Maximum velocity, 30 Direction, W
Time began, 10:27 p.m.
Reduced barometer, 30.01 7 a. m. 29.87 7 p. m.
River gage, 1.7 feet
Relative humidity, 82 7 a. m. 85 7 p. m.

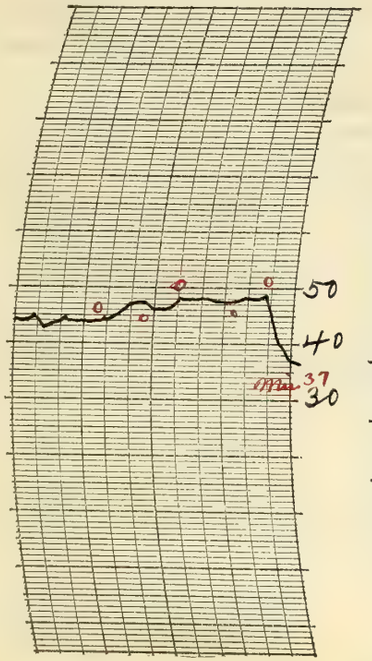
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

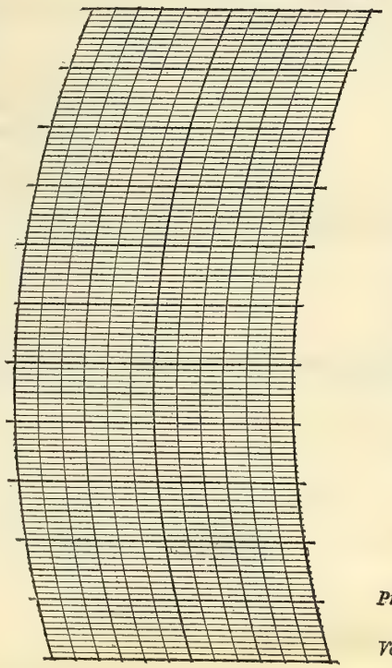
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 45.0
Dew-point, 44 R. humidity, 93 V. pressure, .287
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

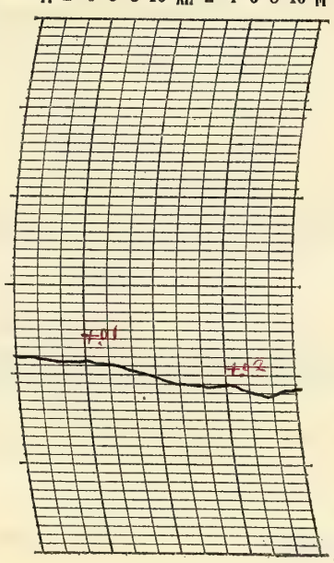
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was overcast all day with light rain during the forenoon and a shower between 10:00 p.m. and 11:00 p.m. Strong wind from the west at night.

The temperature varied only slightly until after 10:00 p.m. when it dropped rather sharply.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 19 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	33	33	32	32	33	35	35	37	38	39	39	39	39	38	36	35	36	35	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending											SM B 10:05		SM E 12:50				SM B 4:10 SM E 4:25			SM B 7:15 SM E 7:40				
Amounts of precipitation											T	T	T				T			T				
Cloudiness and other conditions					← Pt. Cloudy					→							Cloudy						→	

Sunrise: Time, 5:57 Character, Cloudy
Moonrise: 7:46 a Cloudy
Sunset: Time, 4:55 Character, Cloudy
Moonset: 6:30 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.3	0.7	0	0	0.1	0	0	0.5	0.5	0							
Wind direction	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	19	14	15	15	15	15	14	17	20	19	20	21	20	19	24	22	18	15	12	17	15	13	12	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

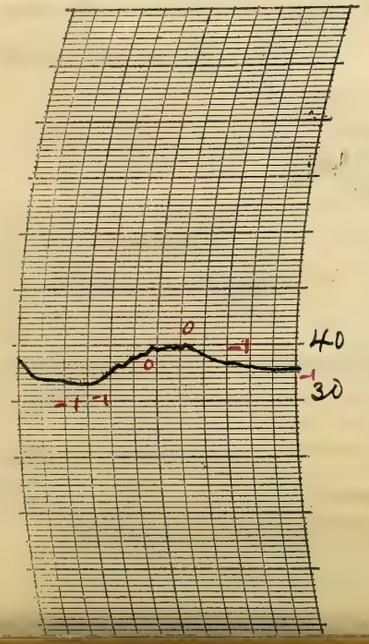
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.1 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 19
Prevailing wind direction, W Total wind, 400
Average hourly velocity, 16.7 Extreme velocity, 33
Maximum velocity, 29 Direction, W
Time began, 2:36 p.m.
Reduced barometer 29.95 7 a. m. 30.10 7 p. m.
River gage, 1.8 feet
Relative humidity, 85 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 38.7 Wet temperature, 33.5
Dew-point, 26 R. humidity, 58 V. pressure, 136
Clouds: Amount, 8; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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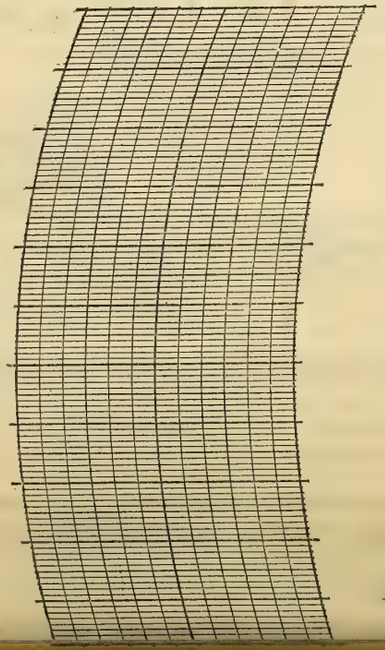
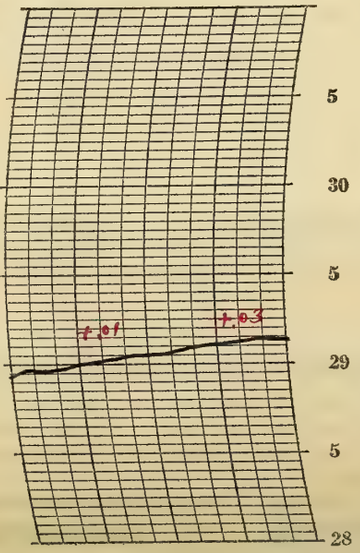


BAROGRAPH.



Prepared by O.G.R.
P. McDonough

NOTES

Increasing cloudiness during the day with some snow flurries. The day was rather cool with small temperature fluctuation. Piercingly cold westerly winds made the day decidedly unpleasant.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	35	36	36	37	39	41	42	44	43	43	43	42	42	41	41	37	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:10	RE DR			
Amounts of precipitation																				T	T			
Cloudiness and other conditions				<		Cloudy			×				Pt cloudy				×			Cloudy		>		
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	0.9	0.4	0.8	0.1	0	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	W	W	SW	SW	SW
Wind movement	8	9	10	10	9	11	11	11	16	16	16	16	17	18	16	15	12	9	9	18	10	9	8	10

Sunrise: Time, 5:58; Character, Cloudy
Moonrise: 8:54a Cloudy
Sunset: Time, 4:53; Character, Cloudy
Moonset: 7:10p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

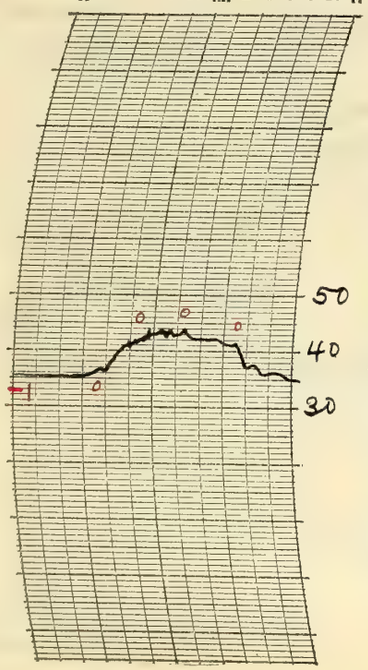
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	34	39	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.8 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 44
Prevailing wind direction, W-SW Total wind, 294
Average hourly velocity, 12.2 Extreme velocity, 24
Maximum velocity, 24 Direction, SW
Time began, 9:48 am.
Reduced barometer, 30.09 7 a. m. 29.97 7 p. m.
River gage, 1.7 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.3 Wet temperature, 36.6
Dew-point, 26 R. humidity, 46 V. pressure, .136
Clouds: Amount, 5; Kind, St cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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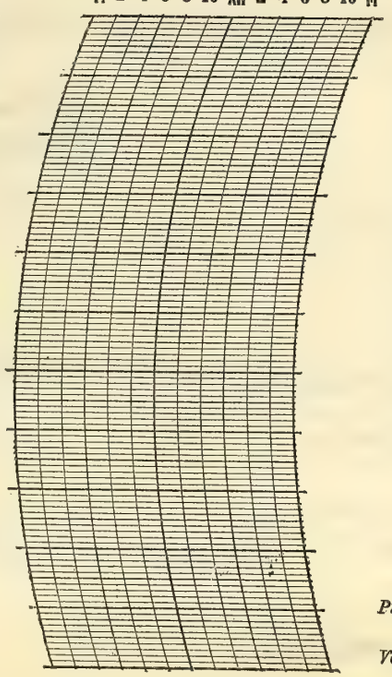
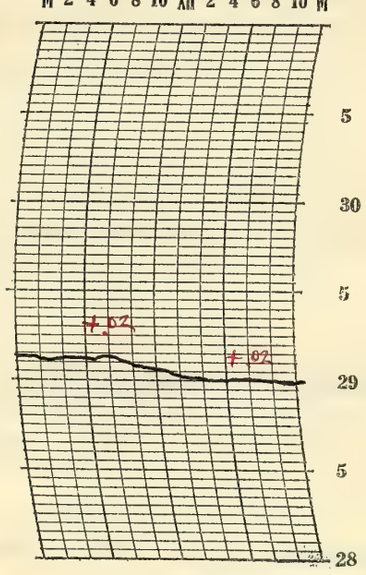


BAROGRAPH.



Prepared by O.W.P.

Verified by P. McDonough

8—486

NOTES

The day was partly cloudy. A light sprinkle occurred at night.

A moderate wind continued from the west and southwest and the weather was rather cool.

Snowfall to 7 am. Trace.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 21 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	32	32	32	33	34	38	39	40	43	42	42	42	42	41	41	39	38	36 *	36 *	35 *
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.8	0.6	0.4	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	N	SW	SW	N	N	N	N
Wind movement	10	9	10	10	9	10	9	8	9	8	11	9	10	9	8	8	5	3	5	4	6	3	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:59; Character, Cloudy. Moonrise: 10:01a Cloudy.

Sunset: Time, 4:52; Character, Cloudy. Moonset: 7:56p Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

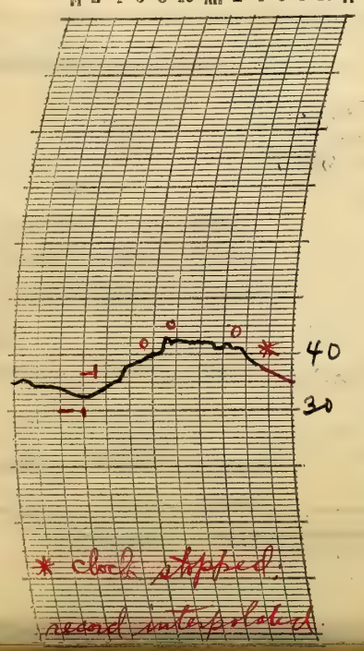
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	31	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.2 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:18 am.
Reduced barometer, 29.93 7 a. m. 29.83 7 p. m.
River gage, 1.7 feet
Relative humidity, 90 7 a. m. 62 7 p. m.

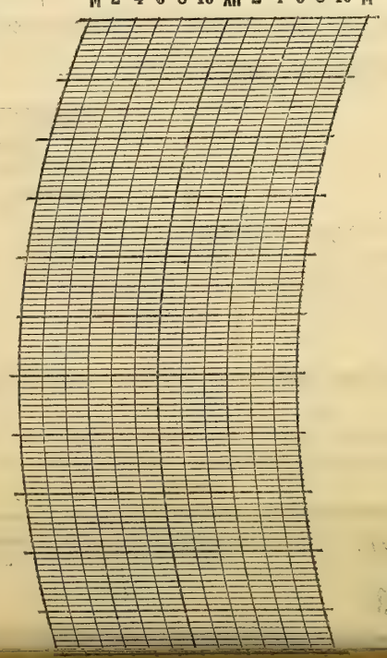
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 34.5
Dew-point, 27 R. humidity, 57 V. pressure, .143
Clouds: Amount, 4; Kind, Ast Stra; Direction, W
Velocity of clouds (miles per hour)

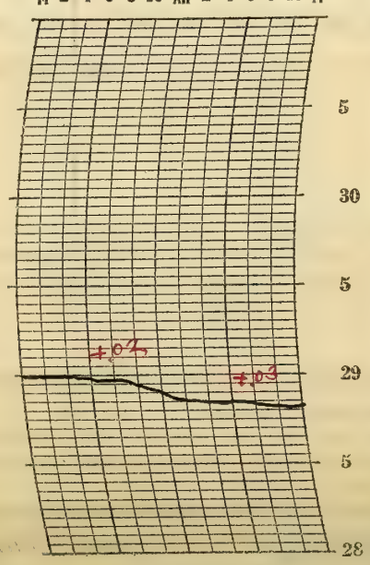
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.K. P. McDonough

NOTES

The sky was mostly cloudy all day and became entirely overcast at night.
Temperatures continued low for the season.

Solar halo, 22° radius observed from 9:55 am to 12:30 p.m. It formed a complete circle and was considerably colored.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 22 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	30	30	30	33	36	39	41	42	44	44	45	44	44	43	41	42	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Pt cloudy								Cloudy			
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	0.9	0.6	0.5	0	0	0							
Wind direction	N	N	N	N	NW	N	NW	NW	NW	N	N	NW	W	NW	NW	W	W	W	SW	N	SW	SW	SW	SW
Wind movement	7	7	5	5	8	6	6	7	7	7	9	7	7	9	7	6	5	3	2	3	3	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:00 Character, Clear
Moonrise: 11:06a Cloudy
Sunset: Time, 4:51 Character, Cloudy
Moonset: 8:49p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

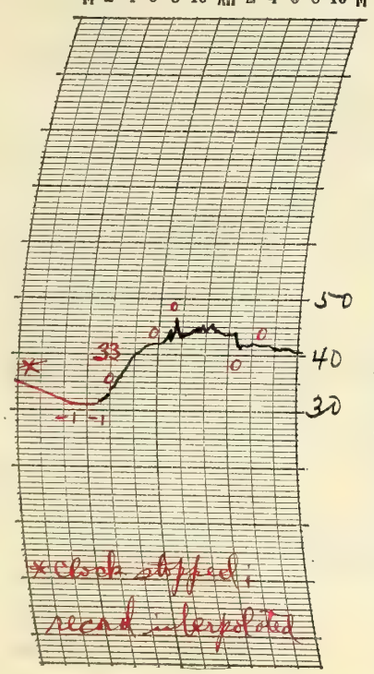
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 65
Prevailing wind direction, N Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 1:55 P.M.
Reduced barometer, 29.89 7 a. m. 29.97 7 p. m.
River gage, 1.6 feet
Relative humidity, 89 7 a. m. 57 7 p. m.

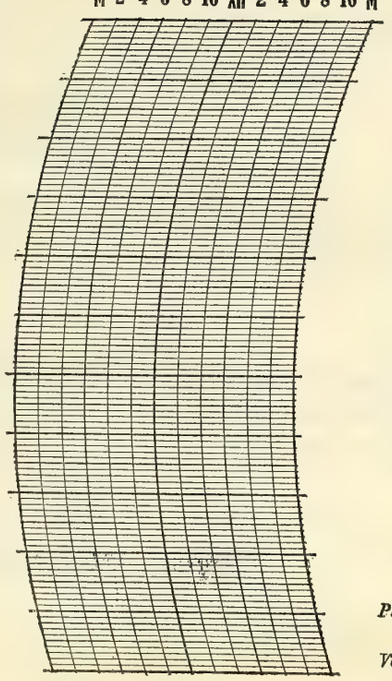
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 34.3
Dew-point, 22 R. humidity, 43 V. pressure, .113
Clouds: Amount, 3 4; Kind, Ci St Cu; Direction, NW N
Velocity of clouds (miles per hour)

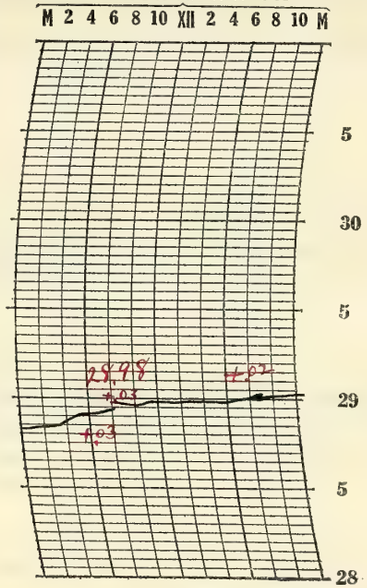
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES

The sky was cloudless for a while in the early morning and there was a considerable deposit of frost. The cloudiness increased and it became overcast in the late afternoon. Bright stars visible through clouds at night.

Temperatures below the seasonal average.

Solar halo, 22° radius, observed 11:20 am to 1:00 pm. Parhelia (22°) appeared at right of sun from 3:00 pm to 3:15 pm and at left of sun from 3:50 pm to 4:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	39	39	39	40	42	46	49	52	53	54	55	53	52	49	47	46	45	44	43	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<		Cloudy		X		Pt cldy		X			Clear				X Pt cldy			Cldy	>
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	SW	S	S	SE	SE	SE	SE	SE	SE	E	E	E
Wind movement	4	4	4	4	7	5	5	6	11	11	11	8	7	7	7	6	7	5	5	5	4	4	4	4

Sunrise: Time, 6:02; Character, Cloudy
Moonrise: 12:06p Clear
Sunset: Time, 4:49; Character, Cloudy
Moonset: 9:49p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

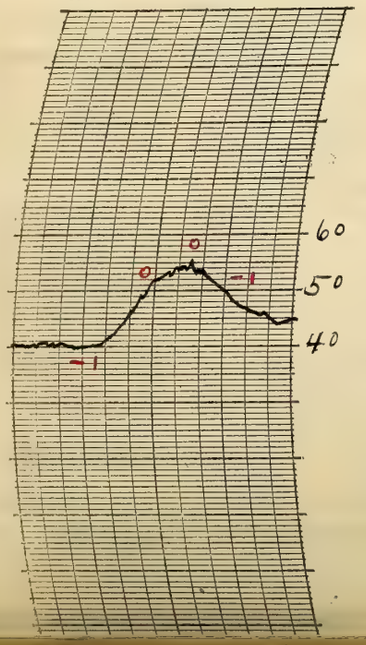
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	39	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.7 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 53
Prevailing wind direction, S Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 9:37 am
Reduced barometer, 30.00 7 a. m. 29.97 7 p. m.
River gage, 1.6 feet
Relative humidity, 76 7 a. m. 61 7 p. m.

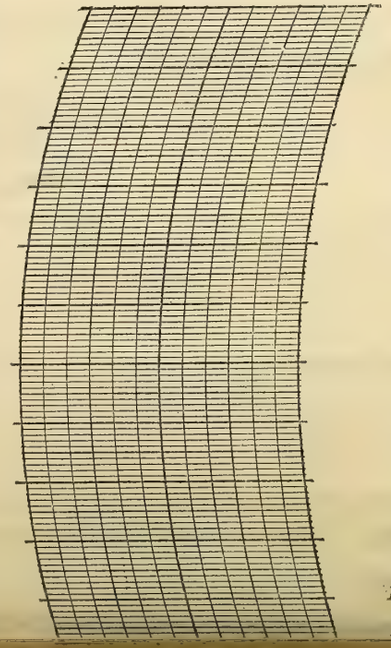
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.6 Wet temperature, 42.4
Dew-point, 31 R. humidity, 45 V. pressure, .172
Clouds: Amount, 4; Kind, St+cu; Direction, SW
Velocity of clouds (miles per hour)

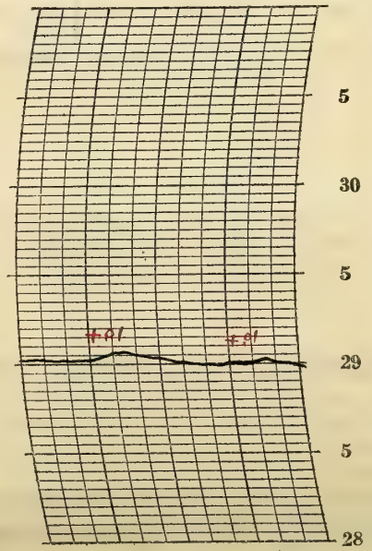
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. P.
P. McDonough

NOTES

The cloudiness decreased from early morning and the sky was mostly clear during the afternoon. It became cloudy again late at night altho the moon and stars were visible for a while in the evening.

The temperature was nearly seasonal and it was pleasant during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 24 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	41	41	40	40	40	39	40	40
State of weather: Nature of precipitation and time of beginning and ending	RB DK	—	—	RE DK	RB DK	—	—	—	—	—	—	—
Amounts of precipitation	T	T	T	T	T	.04	.04	.03	.04	.01	.01	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	NE	E	E	E	E	E	E	NE	NE	NE
Wind movement	5	6	7	8	9	10	8	10	9	11	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	41	40	40	40	40	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	R contd	—
Amounts of precipitation	T	T	.01	T	T	T	T	.01	T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	NW
Wind movement	14	12	12	9	10	8	8	5	3	4	5	5

Sunrise: Time, 6:03; Character, Cloudy
Moonrise: 12:58p Cloudy
Sunset: Time, 4:48; Character, Cloudy
Moonset: 10:55p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

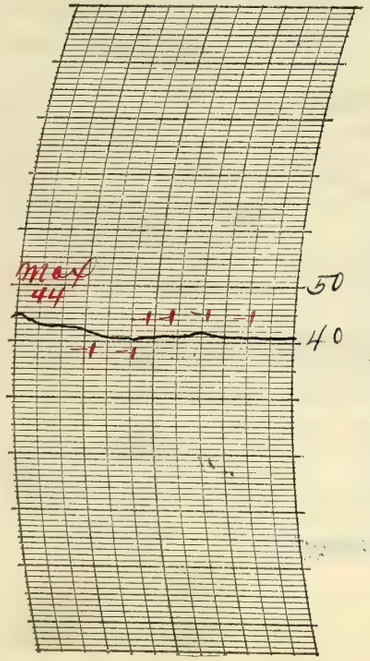
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	39	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy. Moon phase, First Quarter 12:38 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 201
Average hourly velocity, 8.4 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 2:11 p.m.
Reduced barometer, 29.85 7 a. m. 29.63 7 p. m.
River gage, 1.5 feet
Relative humidity, 90 7 a. m. 97 7 p. m.

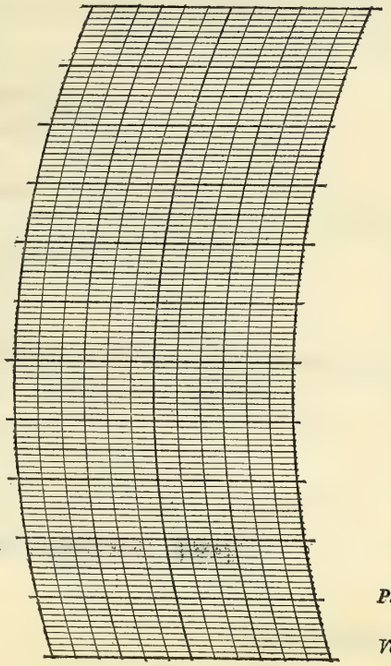
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 39.2
Dew-point, 38 R. humidity, 94 V. pressure, .228
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

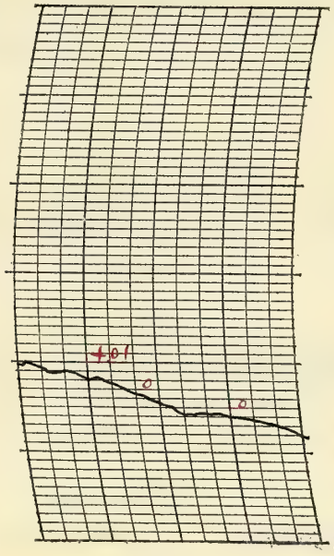
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

A light rain fell during the greater part of the 24 hours. In the afternoon it was mostly in the form of mist but was heavy enough to keep the streets and sidewalks wet all the time.

There was only a slight range in temperature on this date.

Chicago called for 12:00 noon (75° M.T.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 25 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	41	36	37	38	38	38	38	38	38	39	39	40	40	40	41	41	41	40	40	39
State of weather: Nature of precipitation and time of beginning and ending	R cont'd						RE 625							RB 1:50	RE 2:05									
Amounts of precipitation	T	T	T	.02	.03	.03	T							T	T									
Cloudiness and other conditions	Cloudy																Cloudy							
Sunrise: Time, 6:04; Character, Cloudy																								
Moonrise: 1:45p Cloudy																								
Sunset: Time, 4:46; Character, Cloudy																								
Moonset: —																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	4	6	10	9	13	18	20	23	20	21	16	16	17	16	16	15	11	7	6	8	5	6	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	36	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.9 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 293
Average hourly velocity, 12.2 Extreme velocity, 30
Maximum velocity, 27 Direction, W
Time began, 7:42 am
Reduced barometer, 29.52 7 a. m. 29.88 7 p. m.
River gage, 1.6 feet
Relative humidity, 87 7 a. m. 84 7 p. m.

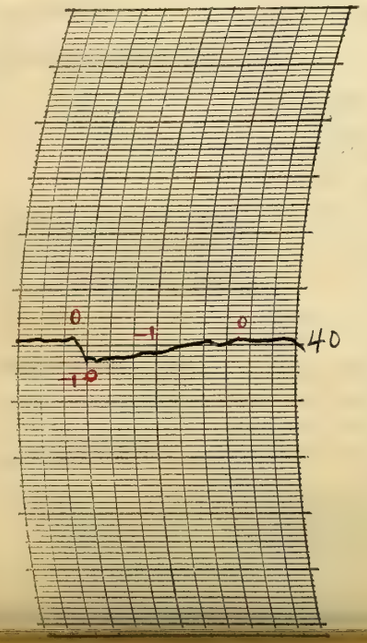
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

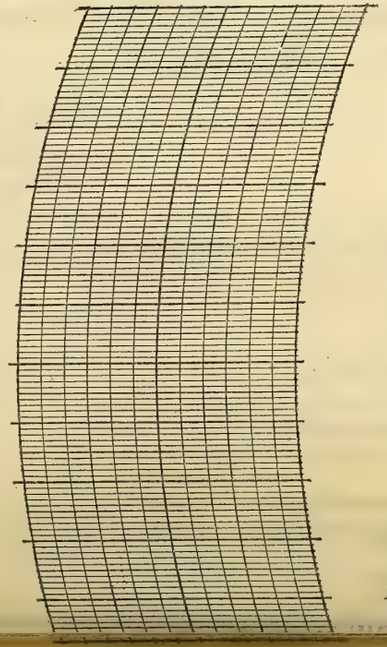
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 36.0
Dew-point, 33 R. humidity, 83 V. pressure, .187
Clouds: Amount, 10; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

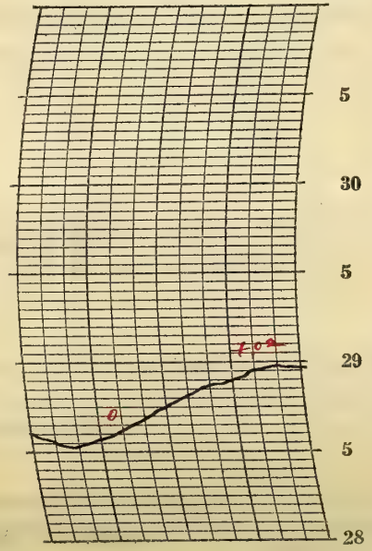
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.
P. McDermott

NOTES

A light rain continued from the 24th and ended a while before the a.m. observation. The sky continued overcast and a light sprinkle fell in the afternoon. The clouds broke a way in the evening for a short while but it became overcast again after nightfall.

The day was dark and gloomy. There was slight range in the temperature.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 26 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	37	37	38	39	40	40	39	37	36
State of weather: Nature of precipitation and time of beginning and ending								RB 7:15 RE 7:35	RB 8:20		RE RS+SN 10:55	RS+SN E RB 11:45
Amounts of precipitation								T	T	.02	.05	.06
Cloudiness and other conditions												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	44	44	43	41	39	40	41	38	38	37	36
State of weather: Nature of precipitation and time of beginning and ending				RE 3:50				RB 7:10		RE DN		
Amounts of precipitation	.03	T	T	T				T	.01	T		
Cloudiness and other conditions												

Cloudy

Sunrise: Time, 6:05 Character, Cloudy

Moonrise: 2:25p Cloudy

Sunset: Time, 4:45 Character, Cloudy

Moonset: 12:04a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	S	S	S	S	SE	SE	SE	SE	SE	SE	S
Wind movement	9	6	5	7	7	8	8	7	9	11	12	10
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	10	15	15	16	20	16	15	17	18	19	15	12
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	36	40	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 287

Average hourly velocity, 12.0 Extreme velocity, 27

Maximum velocity, 24 Direction, W

Time began, 9:26 p.m.

Reduced barometer, 29.83 7 a. m. 29.86 7 p. m.

River gage, 1.6 Cut

Relative humidity, 76 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

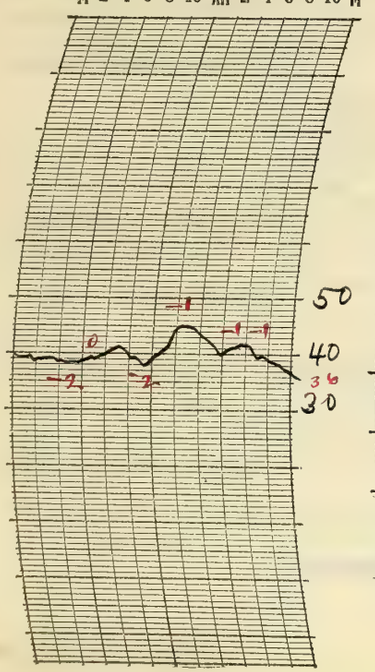
Dry temperature, 36.2 Wet temperature, 36.2

Dew-point, 36 R. humidity, 100 V. pressure, .211

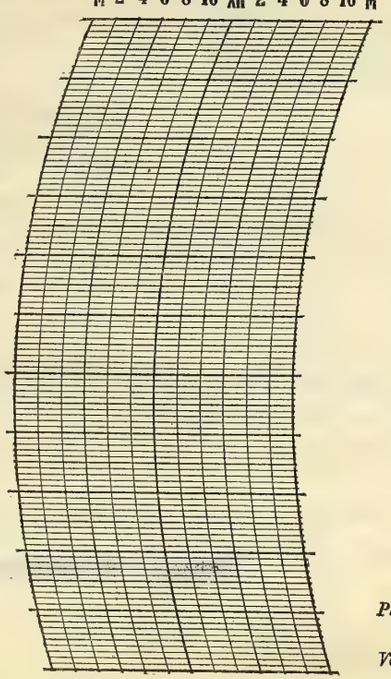
Clouds: Amount, 10; Kind, Nb; Direction, S

Velocity of clouds (miles per hour)

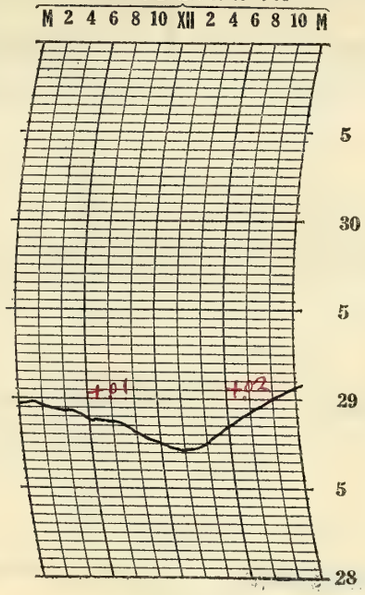
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.A.R.

Verified by P. McDonough

8—486

NOTES

S Melted as it fell

The sky was heavily overcast all day and light rain fell from 7:15 am to 3:50 p.m. Snow was mixed with the rain from 10:55 am to 11:45 am. A light drizzling rain occurred at night. The amount of precipitation was rather light at times but the humidity was high and the streets and sidewalks were wet all day and until late at night. The temperature fluctuated somewhat. During the forenoon the barometer fell steadily. After 2:00 p.m. it rose rapidly and the wind became strong from the southwest and west.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	32	33	31	31	30	31	31	33	35	37	37	38	38	39	39	39	39	39	39	37	37	34
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←						Cloudy					Cldy	X						Cloudy			→		
Sunshine (in tenths of hours)							0	0	0	0.4	0.6	1.0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	S	S	SW	SW	S	SW	W	W	W
Wind movement	12	15	18	15	13	9	8	8	10	8	8	7	7	10	10	11	8	8	6	7	5	6	3	7

Sunrise: Time, 6:06 Character, Cloudy
Moonrise: 3:01p Cloudy
Sunset: Time, 4:44 Character, Cloudy
Moonset: 1:15a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

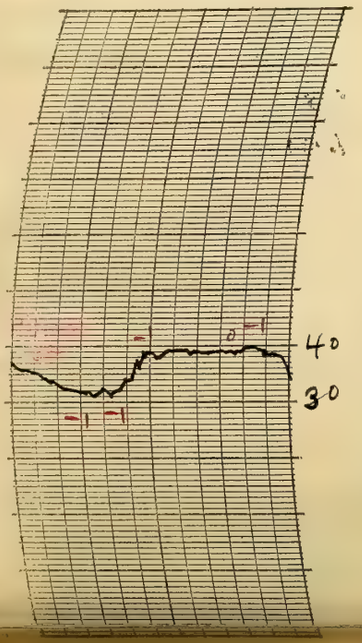
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 19
Prevailing wind direction, W Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 22
Maximum velocity, 22 Direction, W
Time began, 2:58 a. m.
Reduced barometer, 30.20 7 a. m. 30.07 7 p. m.
River gage, 1.5 feet
Relative humidity, 78 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 32.2
Dew-point, 26 R. humidity, 62 V. pressure, 1.36
Clouds: Amount, 6 1; Kind, ast acu; Direction, W SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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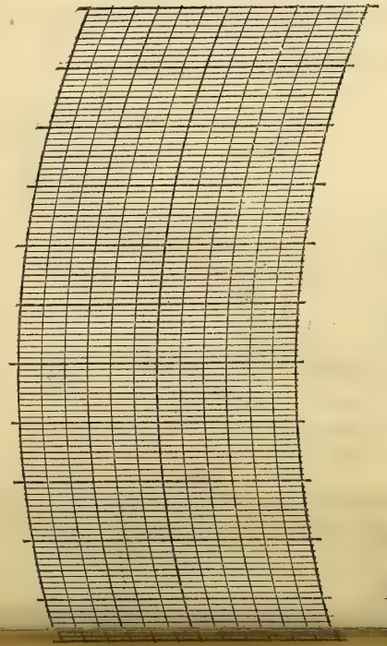
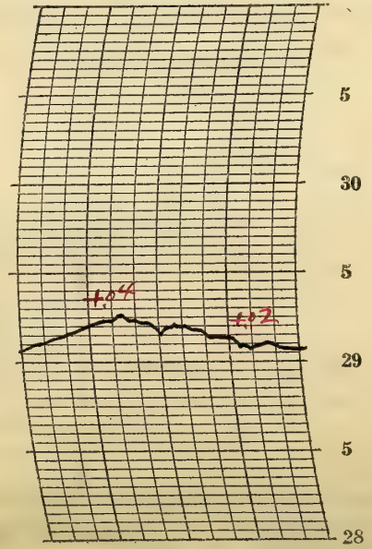


BAROGRAPH.



Prepared by O. G. Smith

NOTES

The sky was mostly overcast the greater part of the time. The clouds broke away and the sun shone for a while about noon. It continued overcast into the night.

Temperatures below the seasonal average.

Solar halo, 22° radius, observed 11:10 am to 1:15 p.m. The portion below the sun appeared first and it became a complete circle before 11:40 am.

Form No. 1012 Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	30	30	29	28	28	28	28	29	30	31	31	31	31	30	30	29	28	27	26	26	25	25
State of weather: Nature of precipitation and time of beginning and ending	RB DN	—	RE DN SmB DN	—	—	—	—	—	SmE 8:15				SmB 12:45	SmE 1:10		SmB 3:05	SmE 4:15							
Amounts of precipitation	.01	.01	.01	.02	.02	.01	T	T	T				T	T		T	T							
Cloudiness and other conditions											Cloudy							X			Clear			

Sunrise: Time, 6:07; Character, Cloudy

Moonrise: 3:33 p Cloudy

Sunset: Time, 4:42; Character, Cloudy

Moonset: 2:25 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0.7	0.5	0.4	0	0	0	0							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	7	8	9	12	13	11	13	12	14	16	17	17	20	20	15	14	12	9	8	7	7	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.6 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 15

Prevailing wind direction, W Total wind, 281

Average hourly velocity, 11.7 Extreme velocity, 25

Maximum velocity, 24 Direction, W

Time began, 1:58 p m

Reduced barometer, 30.04 7 a. m. 30.32 7 p. m.

River gage, 1.7 fee

Relative humidity, 82 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

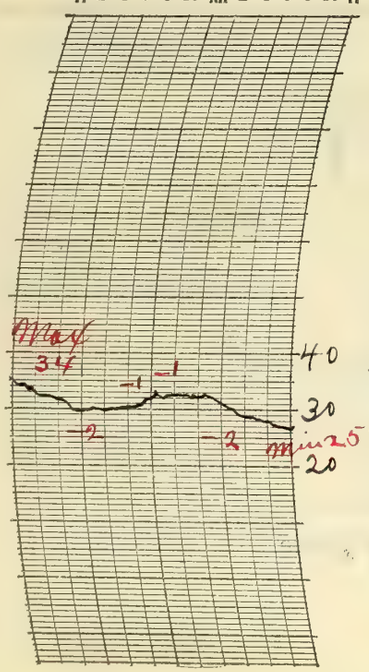
Dry temperature, 31.0 Wet temperature, 29.0

Dew-point, 26 R. humidity, 79 V. pressure, .136

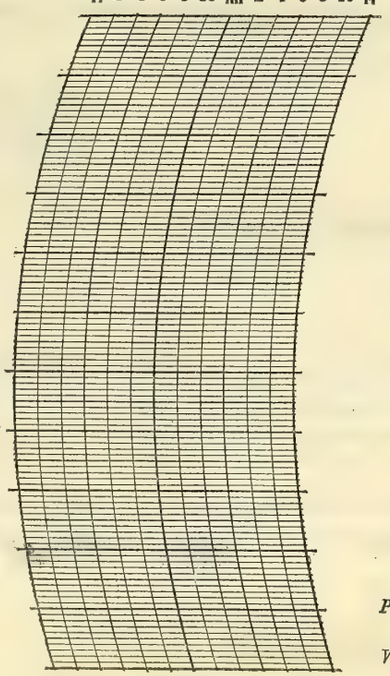
Clouds: Amount, 8; Kind, St cu; Direction, NW

Velocity of clouds (miles per hour)

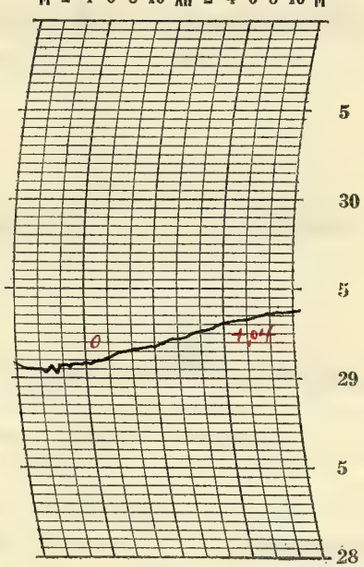
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. E. R.

Verified by P. McDonough

8—486

NOTES

Unmelted snow to 7:00 am — 0.6 inch.
Hourly amounts estimated
Unmelted snow 7:00 am to 7:00 pm — Trace
Rain and snow occurred during the night a.m. Light snow continued for a while in the forenoon and there were snow flurries in the afternoon. The sky was mostly overcast until sometime after sunset when it cleared rapidly and remained cloudless into the night. Moonlight.

It was chilly and unpleasant weather with temperatures considerably below the normal.

Tipping bucket removed from rain gage at 6:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	22	21	20	24	29	32	31	31	30	30	29	29	26	27	26	27	26	26	26	25
State of weather: Nature of precipitation and time of beginning and ending															SP B 2:20	—	—	—	—	—	—	—	Cont'd	
Amounts of precipitation															—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							Clear			Partly						Cloudy								
Sunrise: Time, Character	6:09 Cloudy																				Sunset: Time, Character	4:41 Cloudy		
Moonrise:	4:04p Cloudy																				Moonset:	3:34a Clear		
Sunshine (in tenths of hours)							0.4 0	0.8 0	0.4	1.0	0.3	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	NW
Wind movement	6	7	6	6	5	6	6	6	5	5	6	7	7	8	9	9	9	6	4	3	4	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

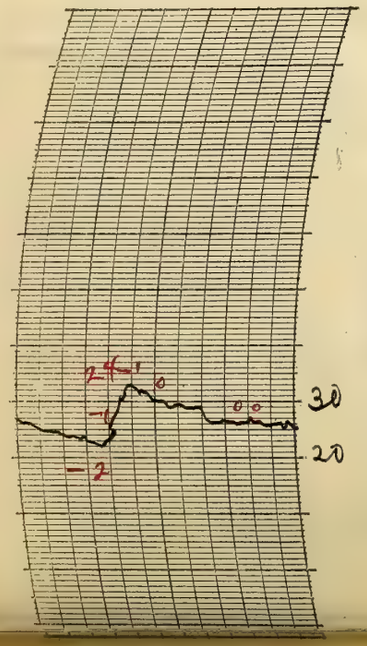
Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 28
Prevailing wind direction, SW Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 3:55 p.m.
Reduced barometer, 30.45 7 a. m. 30.47 7 p. m.
River gage, 1.9 feet
Relative humidity, 85 7 a. m. 90 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

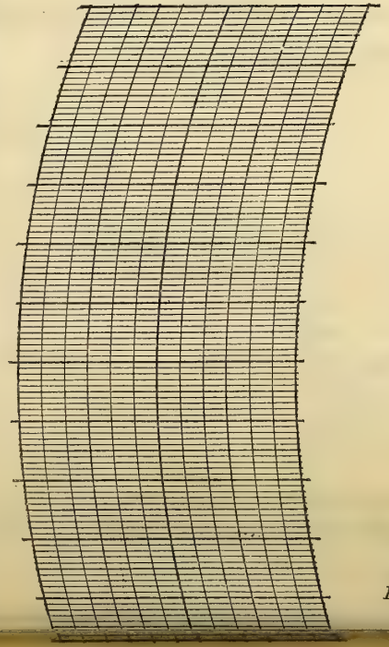
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 28.5
Dew-point, 24 R. humidity, 74 V. pressure, .124
Clouds: Amount, 8; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

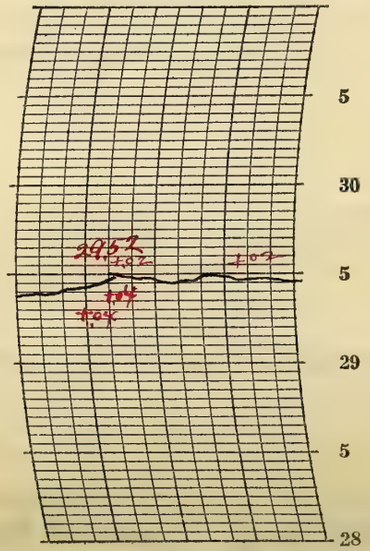
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.R.

NOTES * Estimated.

The lowest temperature of record for October occurred this morning (19.8° above zero).

The sky was clear in the early morning but it became overcast before noon and light snow began at 2:20 p.m. and continued past midnight. The snow was in very fine flakes and the amount of fall was quite light at times. The moon was visible at times through the thin snow clouds.

Temperature remained below freezing all day.

Solar halo, 22° radius, observed 10:30 a.m. to 11:20 a.m.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	23	24	24	24	25	26	29	31	31	31	32	31	31	31	31	31	31	30	29	28	28
State of weather: Nature of precipitation and time of beginning and ending	St cont'd	—	—	—	—	—	—	—	SE 9:00															
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy																							
Sunshine (in tenths of hours)							0	0	0.1	0.8*	0.1*	0.1	0	0	0	0	0							
Wind direction	NW	NW	N	N	N	N	N	N	N	NE*	NE*	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E	E
Wind movement	3	4	5	4	4	3	4	5	6	6‡	8‡	7	7	9	8	9	4	4	5	3	3	1	2	2

Sunrise: Time, 6:10 Character, Cloudy
Moonrise: 4:35p Cloudy
Sunset: Time, 4:40 Character, Cloudy
Moonset: 4:42a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

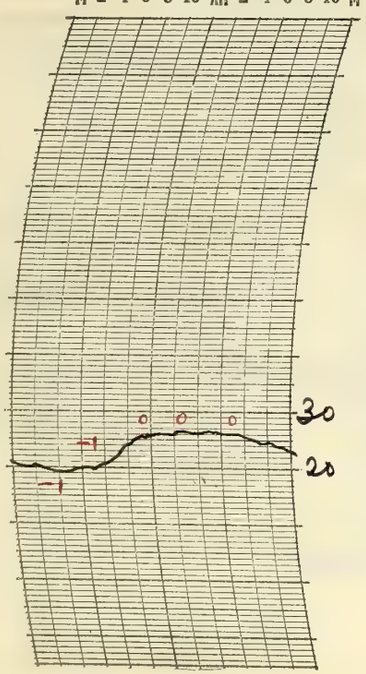
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.4 ℓ inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.3 ℓ inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 10
Prevailing wind direction, NE Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 2:34 p.m.
Reduced barometer, 30.43 7 a. m. 30.44 7 p. m.
River gage, 2.1 fall
Relative humidity, 94 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 30.0
Dew-point, 29 R. humidity, 89 V. pressure, .157
Clouds: Amount, 9; Kind, St cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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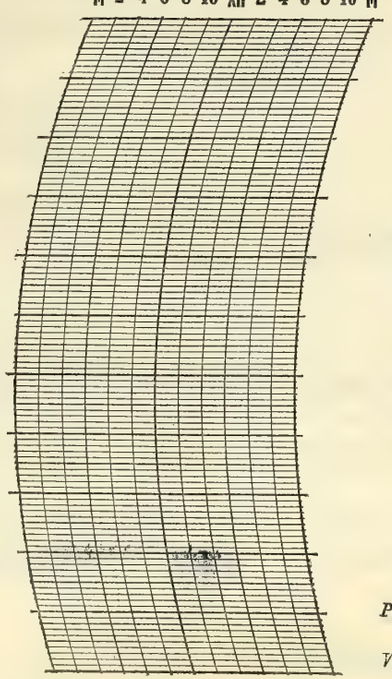
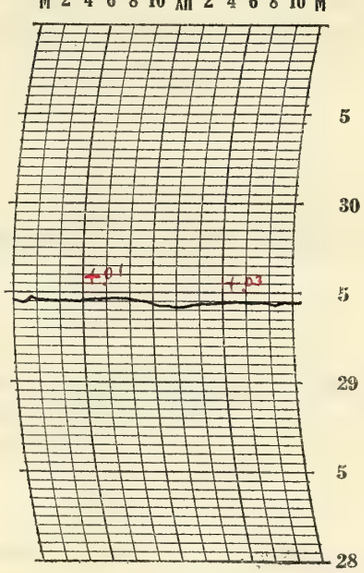


BAROGRAPH.



Prepared by O.E.R.
Verified by F. W. McDonough

8—486

* By observation ‡ Interpolated ℓ Estimated

NOTES

Snowfall to 7:00 am 0.5 inch.
Snowfall to 7:00 p.m Trace
Light snow continued from the previous date and ended 9:00 am. The sky continued overcast the greater part of the day. It became clear about 8:00 pm. and there was bright moonlight.
Temperatures freezing or lower all day.
The snow was packed into ice in places on the streets and sidewalks during the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 31 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	23	23	23	24	29	32	35	38	41	43	45	44	44	43	41	40	39	38	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				<		Clear			×	Pt cloudy	×						Clear							>
Sunrise: Time, Character,	6:11 Clear																							
Moonrise:	5:07p Clear																							
Sunset: Time, Character,																					4:38 Clear			
Moonset:																					5:49 Clear			
Sunshine (in tenths of hours)							.82 0	0.7 0.1	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0 0	.63 0							
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	S	S	S	SW	SW	S	S	S	S	SE	SE	S	SW	SW
Wind movement	1	3	3	5	5	2	3	4	2	4	5	7	6	7	6	5	4	4	4	4	6	9	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	23	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full — 11:17 a.m.

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 8.8 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 85

Prevailing wind direction, S Total wind, 110

Average hourly velocity, 4.6 Extreme velocity, 10

Maximum velocity, 10 Direction, S

Time began, 9:14 p.

Reduced barometer, 30.44 7 a. m. 30.36 7 p. m.

River gage, 2.2 feet

Relative humidity, 87 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

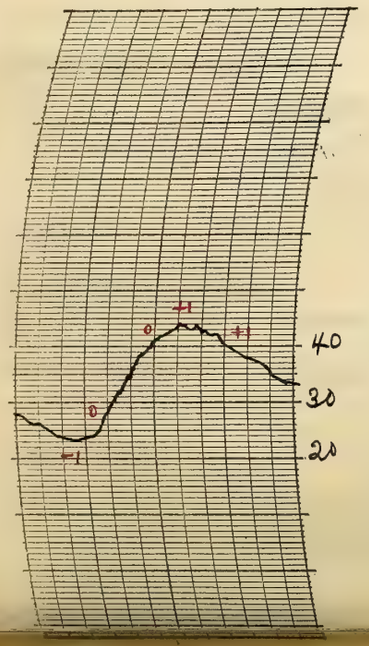
Dry temperature, 41.0 Wet temperature, 36.0

Dew-point, 29 R. humidity, 62 V. pressure, .157

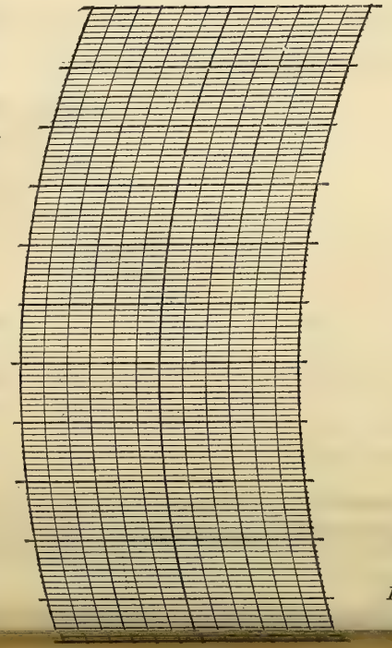
Clouds: Amount, 1; Kind, St+Cu Direction, S

Velocity of clouds (miles per hour)

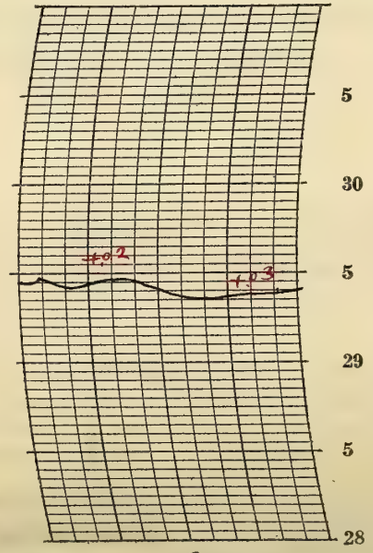
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R. D. McDonough

NOTES

There was a small amount of cloudiness during the forenoon. The sky was cloudless during the afternoon and night. Bright moonlight from the Full Moon.

The weather was pleasant altho the temperatures were below the seasonal average.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 1 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	30	31	29	28	32	36	40	44	45	47	48	50	48	46	44	44	40	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	SW	SW	SW	SW	SW	0	SW	SW	S	E	E	SE	SE	SE	SE	SE	E	E	SE	E	E	E	E	E
Wind movement	5	4	2	1	1	0	1	2	3	4	5	5	5	5	4	3	3	3	2	3	3	3	3	3

Sunrise: Time, 6:12 Character, Cloudy
Moonrise: 5:40 p Cloudy
Sunset: Time, 4:37 Character, Cloudy
Moonset: 6:55 a Clear

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

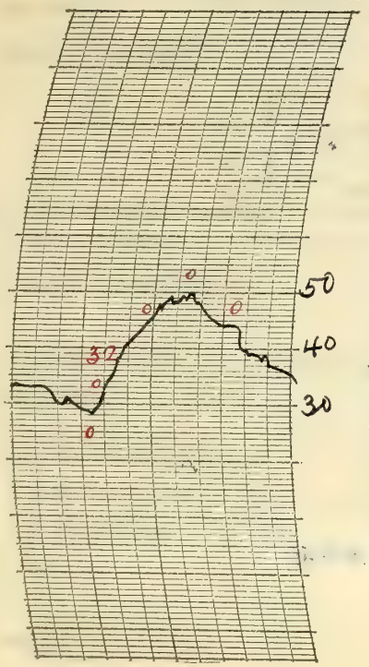
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	28	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.8 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 85
Prevailing wind direction, E Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 8*
Maximum velocity, 8* Direction, SE
Time began, 1:21 p.m.
Reduced barometer, 30.43 7 a. m. 30.34 7 p. m.
River gage, 2.0 feet
Relative humidity, 94 7 a. m. 69 7 p. m.

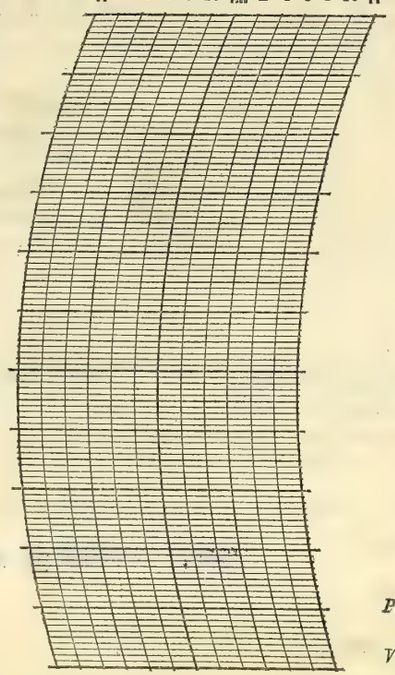
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.0 Wet temperature, 39.5
Dew-point, 32 R. humidity, 61 V. pressure, 180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

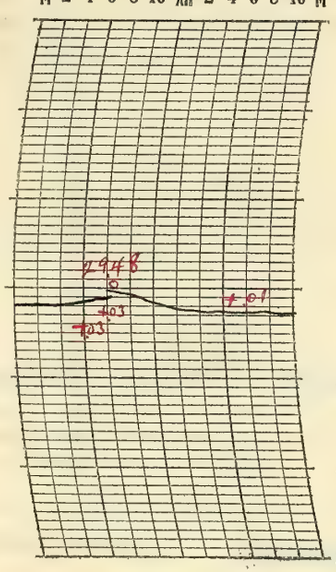
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.K.
Verified by F. McDonough

8—486

NOTES

Moonlight in the early morning. The sky was mostly clear all day altho the character of both sunrise and sunset was cloudy. The moon shone through the thin upper clouds at night. Light, local smoke, due to slow wind velocities, began 9:30 p.m. and continued past midnight. The trace of snow disappeared during the day.

Very pleasant fall weather.

Tipping bucket replaced in rain gage 7:05 am.

ø Interpolated *For 1½ hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 2 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	33	32	33	34	38	43	46	47	50	51	51	51	49	48	46	42	41	40	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Light smoke Clear												
Sunshine (in tenths of hours)							.78 0	1.0 0	0.6 0.4	Ø 1.0	Ø 1.0	Ø 1.0	1.0	1.0	1.0	1.0 0	.60 0							
Wind direction	≠ E	≠ NE	≠ NE	≠ NE	≠ N	≠ N	≠ N	NE	NE	≠ NE	≠ NE	≠ N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	≠ 3	≠ 3	≠ 3	≠ 3	≠ 3	≠ 2	≠ 1	2	4	≠ 5	≠ 6	≠ 6	5	5	5	6	4	3	3	2	3	2	3	5

Sunrise: Time, 6:13 Character, Clear
Moonrise: 6:16p Clear

Sunset: Time, 4:36 Character, Clear
Moonset: 7:59a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

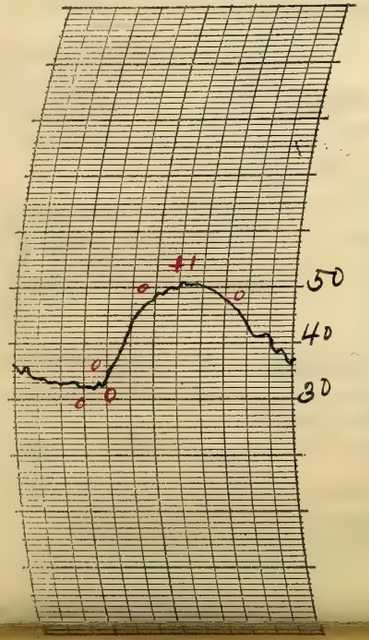
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	32	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 87
Average hourly velocity, 3.6 Extreme velocity, 7*
Maximum velocity, 7* Direction, NE
Time began, 2:55pm
Reduced barometer, 30.34 7 a. m. 30.31 7 p. m.
River gage, 1.9 feet
Relative humidity, 90 7 a. m. 72 7 p. m.

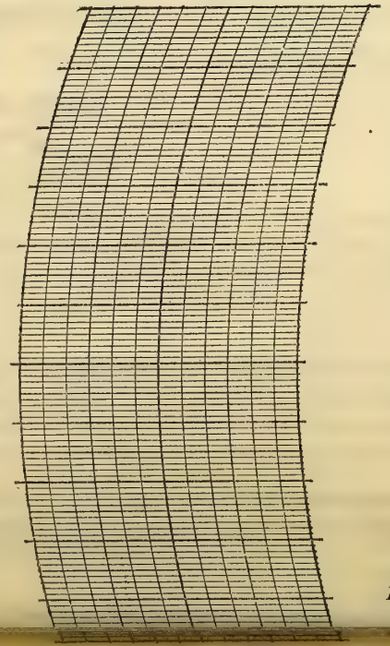
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.4 Wet temperature, 41.6
Dew-point, 35 R. humidity, 61 V. pressure, 203
Clouds: Amount, 3; Kind, ~~Lt Smoke~~ Direction, N
Velocity of clouds (miles per hour)

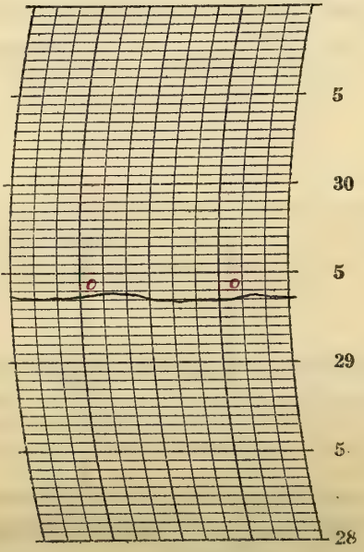
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OGS DMcD

NOTES

* For 14½ hrs.

Ø By observation ≠ Interpolated.
Moonlight in early morning. The sky continued cloudless all day. There was light, local smoke until about 5:00 p.m. Moonlight at night.
Pleasant weather with temperatures near the seasonal average.

The clock was removed from the triple register for cleaning and repairs 9:15 am to 12:00 noon.

Form No. 1012 Rev 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 3 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	32	30	32	35	38	45	49	52	54	54	52	49	46	44	41	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Clear			× 0 Fog			× 4 Fog ×					Clear									→
Sunrise: Time, Character	6:15 Clear																							
Moonrise	6:57p Clear																							
Sunset: Time, Character																					4:35 Clear			
Moonset																					9:01a Foggy			
Sunshine (in tenths of hours)							.35 0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.58 0							
Wind direction	NE	E	E	NE	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	7	5	7	6	6	7	6	10	8	11	12	11	13	13	10	7	10	13	12	11	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

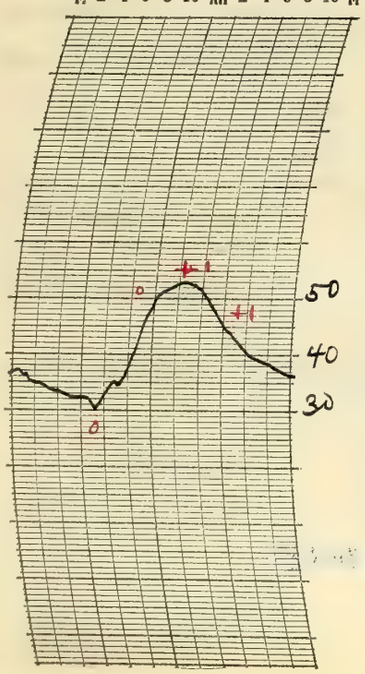
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	30	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.1 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 69
Prevailing wind direction, E Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 18
Maximum velocity, 16 Direction, E
Time began, 10:58 am.
Reduced barometer, 30.38 7 a. m. 30.29 7 p. m.
River gage, 1.8 feet
Relative humidity, 98 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.1 Wet temperature, 44.1
Dew-point, 39 R. humidity, 67 V. pressure, 237
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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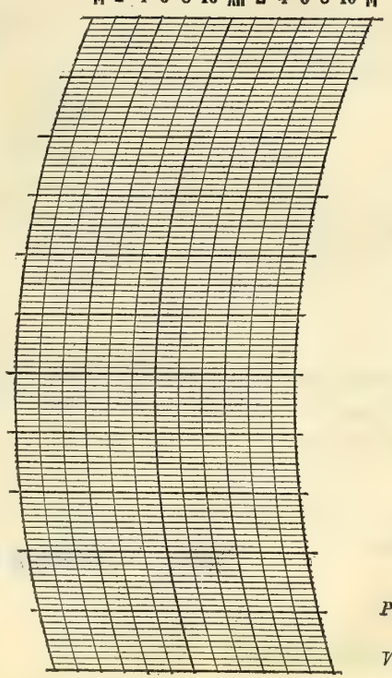
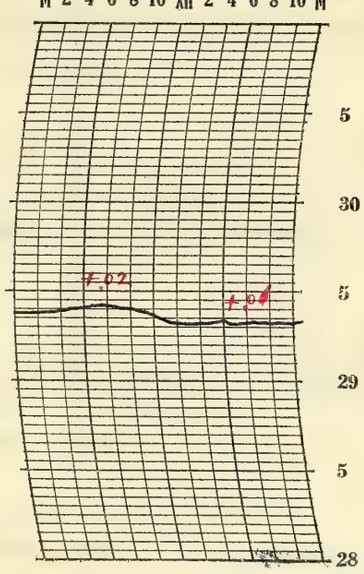


BAROGRAPH.



Prepared by O.V.R.

Verified by P. McDonough

8—486

NOTES

The sky was clear in the early morning with moonlight. Dense fog came in very suddenly at 6:40 am and became light fog about 9:10 am. The light fog disappeared 10:15 am. There were no clouds during the afternoon and night. Moonlight at night.

Pleasant fall weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	34	33	32	32	32	36	42	47	51	53	55	56	57	55	54	54	53	52	51	51	51	51
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:36					
Amounts of precipitation																			T	T	.01	T	T	T
Cloudiness and other conditions			4	Clear			X		Pt	Cldy			X		Cloudy								7	

Sunrise: Time, 6:16 Character, Cloudy
Moonrise: 7:41p Cloudy
Sunset: Time, 4:34 Character, Cloudy
Moonset: 9:58a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.1	0.6	0.5	0.9	0.2	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SE
Wind movement	8	8	6	7	8	6	7	6	8	11	10	11	12	11	12	10	11	12	11	13	11	10	11	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

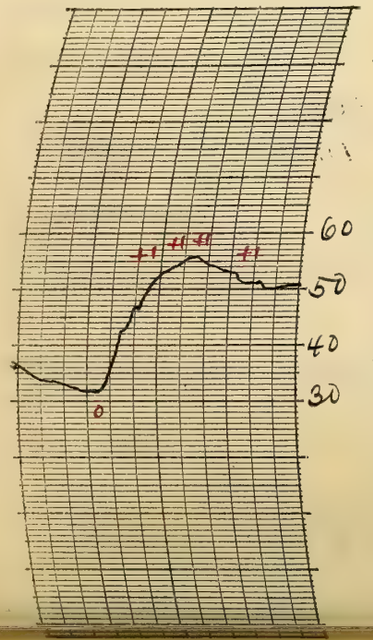
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.3 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 22
Prevailing wind direction, SE Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 17
Maximum velocity, 16 Direction, SE
Time began, 12:18 p.m.
Reduced barometer, 30.267 a. m. 30.19 p. m.
River gage, 1.8 feet
Relative humidity, 85 a. m. 75 p. m.

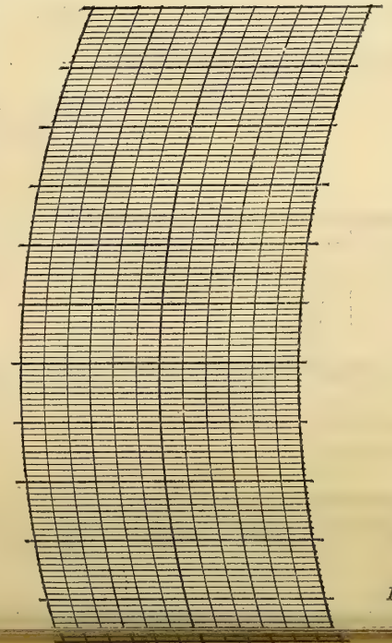
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 47.2
Dew-point, 41 R. humidity, 65 V. pressure, .256
Clouds: Amount, 6; Kind, a St; Direction, SW
Velocity of clouds (miles per hour)

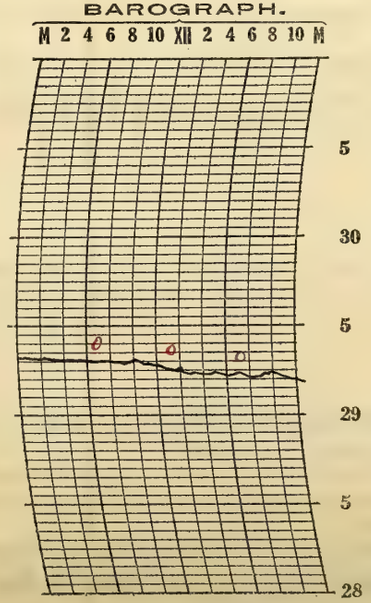
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OEK PMcA

NOTES

The early morning sky was clear with moonlight. The cloudiness gradually increased until it became entirely overcast shortly after noon. A light rain began at 6:36 p.m. and continued intermittently past midnight.

The temperature was at the freezing point at 7:00 am but rose rapidly until afternoon and continued rather high into the night.

Solar halo, radius 22°, observed 10:00 am to 12:10 p.m.

Chicago called for 2 p.m. (75° MT) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 5 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	49	48	49	49	49	49	49	50	51
Nature of precipitation and time of beginning and ending	RE DN			RB DN	—	—	—	—	—	—	RE 10:30	
Amounts of precipitation	T			.04	.04	.01	T	.02	.01	T	T	
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	6:17 Cloudy											
Moonrise:	8:30 p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	15	13	20	18	17	19	16	17	17	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	48	45	44	42	41	41	40	39
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			X	Pt Cldy	X	clear	X	Cloudy			X
Sunset: Time, Character,									4:32 Cloudy			
Moonset:									10:50 a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	SW	SW	W	SW	SW	W	W	W	W	W
Wind movement	14	11	12	10	9	7	8	11	12	10	8	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

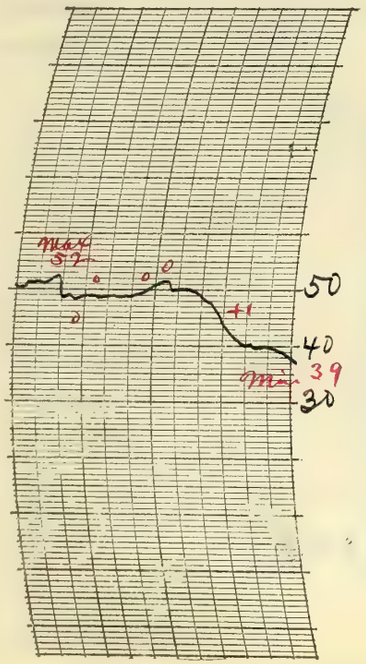
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 312
Average hourly velocity, 13.0 Extreme velocity, 27
Maximum velocity, 25 Direction, S
Time began, 3:45 a.m.
Reduced barometer, 30.12 7 a. m. 30.28 7 p. m.
River gage, 1.9 feet
Relative humidity, 96 7 a. m. 86 7 p. m.

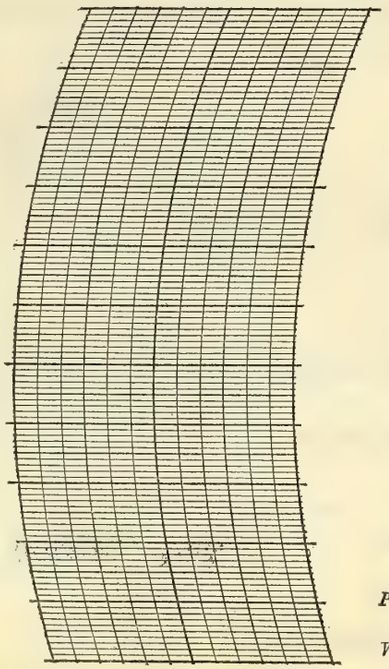
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 50.0
Dew-point, 49 R. humidity, 94 V. pressure, .347
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

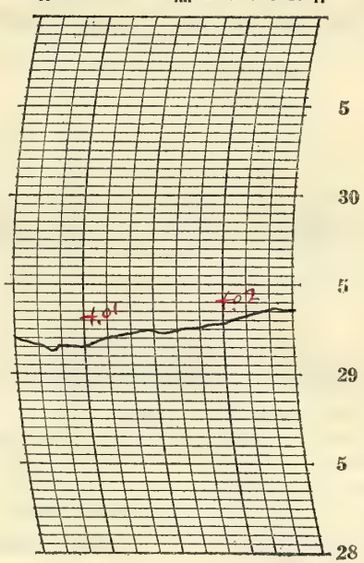
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

There was rain with considerable wind about 4:00 am and the rain continued lightly until 10:30 am. The clouds broke up in the late afternoon and for a while after sunset the sky was mostly clear. It became cloudy again before the p. m. observation and remained cloudy into the night.

The temperatures were relatively high in the early morning and the average was normal or slightly above.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 6 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	35	35	34	34	34	35	39	44	47	49	50	51	53	51	50	48	48	46	45	46	45	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Clear						Steady	→		Cloudy			→	
Sunshine (in tenths of hours)							0.2 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SE	SE
Wind movement	8	9	7	6	5	8	7	6	8	6	7	9	9	9	7	6	5	4	1	1	2	3	5	5

Sunrise: Time, 6:18; Character, Cloudy. Moonrise: 9:23p; Cloudy.

Sunset: Time, 4:31; Character, Cloudy. Moonset: 11:57a; Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	33	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 8.6 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 84

Prevailing wind direction, SW Total wind, 143

Average hourly velocity, 6.0 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 1:05 p.m.

Reduced barometer, 30.39 7 a. m. 30.33 7 p. m.

River gage, 1.8 feet

Relative humidity, 90 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

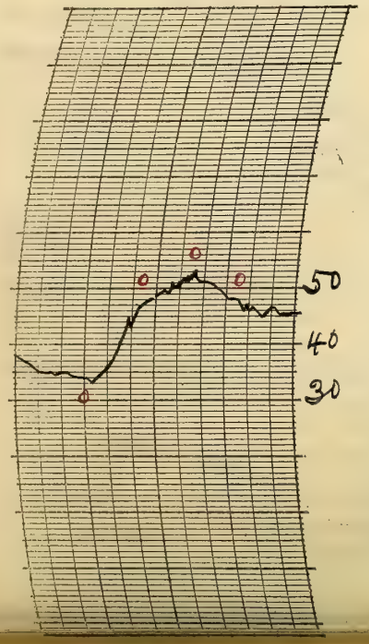
Dry temperature, 49.4 Wet temperature, 43.2

Dew-point, 36 R. humidity, 60 V. pressure, 211

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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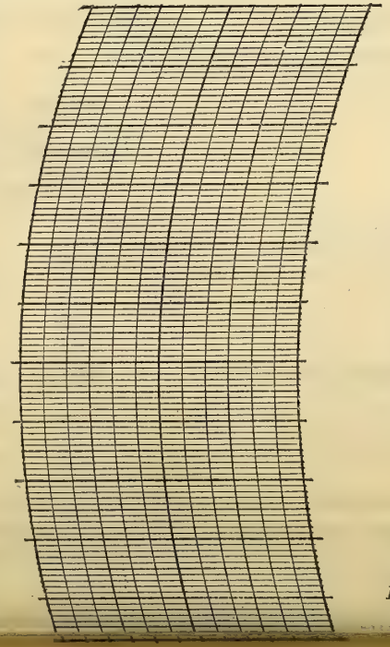
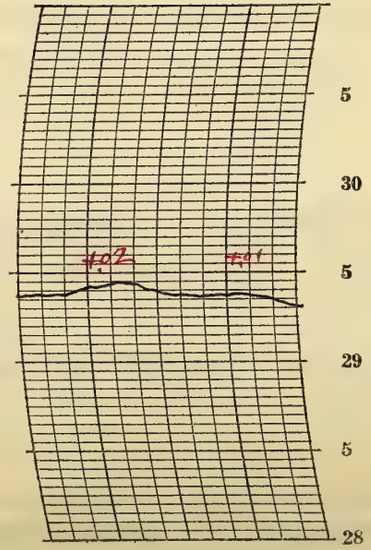


BAROGRAPH.



Prepared by OYR. P. McDonnell

NOTES

The sky was cloudless the greater part of the forenoon and until about the middle of the afternoon when upper clouds came in from the southwest. The clouds soon became heavier and it became entirely cloudy after nightfall. The wind velocity was very light in the evening.

It was rather cool in the early morning but the middle of the day was quite pleasant.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	44	43	43	42	42	42	42	42	42	41	42	42	42	42	43	45	46	44	44	43	38
State of weather: Nature of precipitation and time of beginning and ending		RB DN																		RE 8:00				
Amounts of precipitation		T	.01	.03	.11	.14	.11	.10	.06	.09	.14	.11	.15	.08	.11	.20	.13	.02	.04	.09				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	S	S	SE	SE	E	E	E	E	E	E	E	E	NE	NE	E	E	E	NW	NW	W	W	NW
Wind movement	7	5	8	6	4	3	6	7	9	10	14	17	17	15	12	12	11	9	7	5	7	9	17	19

Cloudy

Sunrise: Time, 6:19 Character, Cloudy

Moonrise: 10:18 p Cloudy

Sunset: Time, 4:30 Character, Cloudy

Moonset: 12:18 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	38	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .37 ins.; to 7 p. m., 1.25 ins.

Total precipitation, midnight to midnight, 1.72 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 236

Average hourly velocity, 9.8 Extreme velocity, 30

Maximum velocity, 27 Direction, W

Time began, 10:40 p. m.

Reduced barometer, 30.09 7 a. m. 29.43 7 p. m.

River gage, 0.8 feet

Relative humidity, 96 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

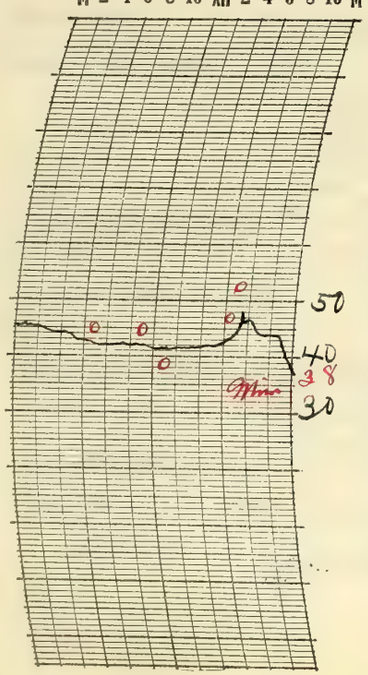
Dry temperature, 41.7 Wet temperature, 41.2

Dew-point, 41 R. humidity, 96 V. pressure, .256

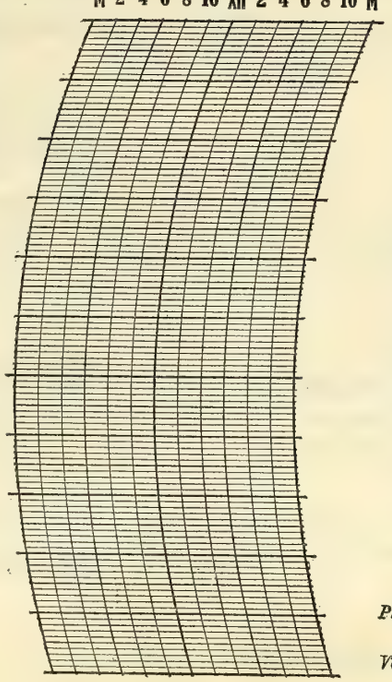
Clouds: Amount, 10; Kind, Nb; Direction, E

Velocity of clouds (miles per hour)

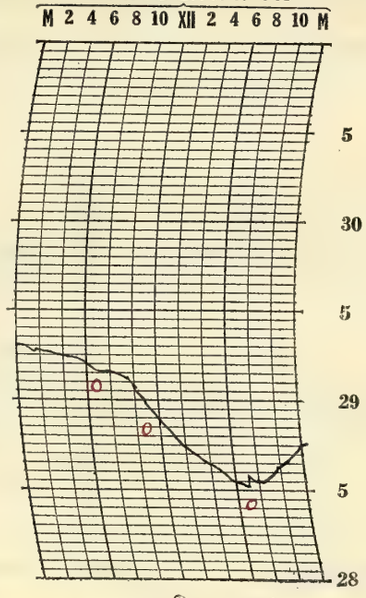
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.W.P.

Verified by P. McDonough

8—486

NOTES

A rain began in the early morning and continued steadily until 8:00 p.m. The total fall was considerable.

There was little variation in temperature during the day. The barometer fell rapidly until about 7:00 p.m. and then rose rapidly. Strong winds.

Chicago called for 12 noon (75th M.T.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 8 1925, 192

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	32	31	32	31	30	31	30	30	28	29	30	29	30	29	28	27	26	26	25	25	25	23
State of weather: Nature of precipitation and time of beginning and ending				S98 DN	-	-	-	-	-	-	S9E 10:50													
Amounts of precipitation				T	T	T	T	T	T	T	T													
Cloudiness and other conditions					<						Cloudy			× Pt Cldy		×				Clear				>

Sunrise: Time, 6:21 Character, Cloudy
Moonrise: 11:15p Clear

Sunset: Time, 4:29 Character, Clear
Moonset: 12:56p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.5	1.0	0.7 0.3	.48 0							
Wind direction	NW	NW	NW	NW	NW	NW	W	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	14	12	9	11	12	13	11	11	12	13	14	16	15	15	15	14	11	11	8	6	6	6	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

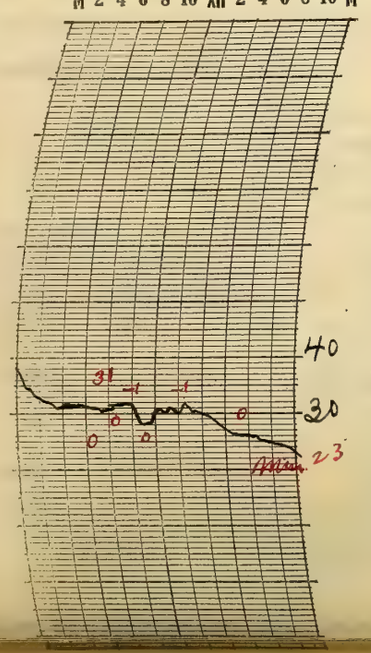
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	23	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, Last Quarter 9:13 am
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 30
Prevailing wind direction, W Total wind, 278
Average hourly velocity, 11.6 Extreme velocity, 24
Maximum velocity, 22 Direction, NW
Time began, 12:12 am.
Reduced barometer, 30.01 7 a. m. 30.26 7 p. m.
River gage, 7.0 feet
Relative humidity, 93 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.1 Wet temperature, 27.1
Dew-point, 24 R. humidity, 78 V. pressure, .124
Clouds: Amount, 9; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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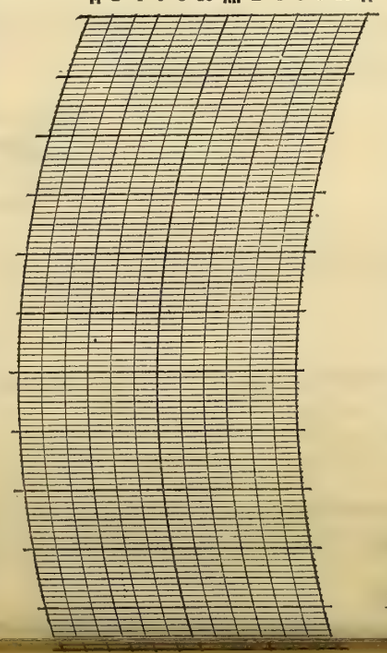
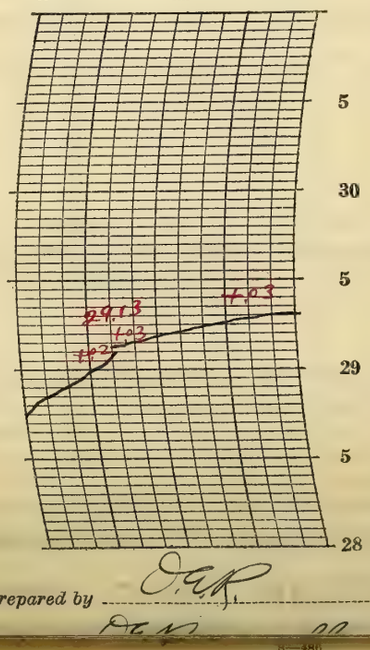


BAROGRAPH.



Prepared by O.E.R.

NOTES

Light snow flurries during the greater part of the forenoon. The sky cleared toward evening and it became cloudless at night. Stars brilliant.

Temperatures below freezing the greater part of the 24 hours.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	20	19	20	20	23	28	30	32	33	34	35	39	40	38	38	37	35	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy			Cloudy	X			Cloudy			X				Clear			→	
Sunrise: Time, 6:22 Character, Cloudy																					Sunset: Time, 4:28 Character, Clear			
Moonrise: —																					Moonset: 1:28p Cloudy			
Sunshine (in tenths of hours)							0	0	0.5	0.1	0	0	0	0	0.2	0.5 (0.5, 47)	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW
Wind movement	7	6	6	5	9	7	6	9	7	9	9	9	10	10	7	8	7	6	5	10	10	9	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	19	30	

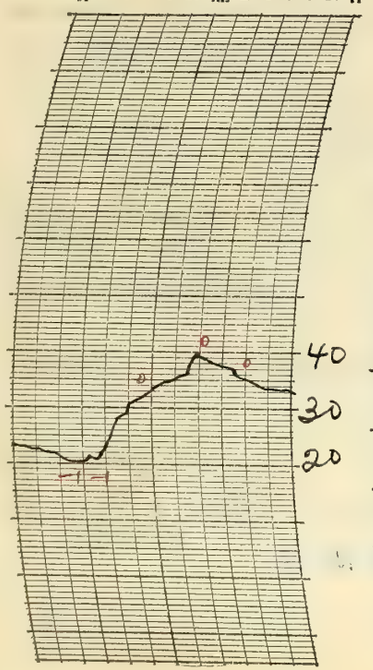
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.3 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 23
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:46 p.m.
Reduced barometer, 30.29 7 a. m. 30.21 7 p. m.
River gage, 8.7 fall
Relative humidity, 73 7 a. m. 62 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.3 Wet temperature, 27.6
Dew-point, 16 R. humidity, 46 V. pressure, 0.85
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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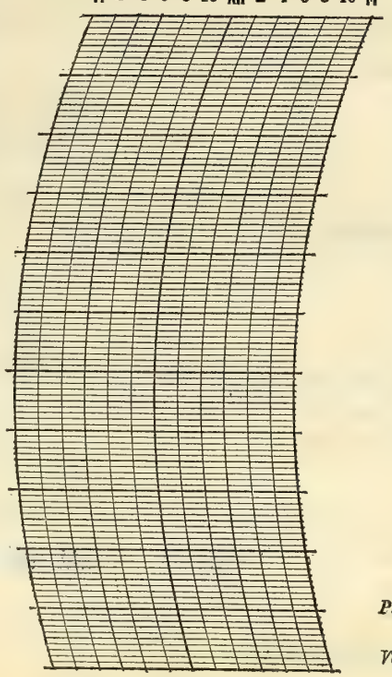
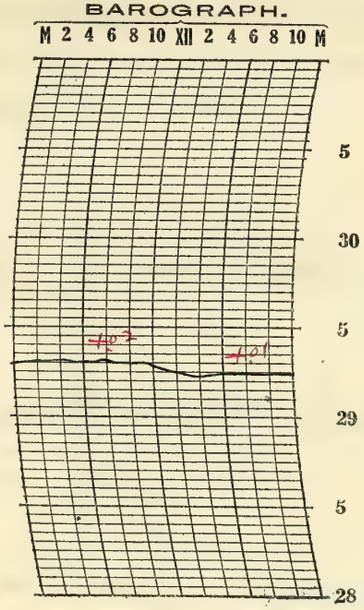


BAROGRAPH.



Prepared by C.E.P.

Verified by C.E. Russell

8—486

NOTES

The sky was clear in the early morning with moonlight. The cloudiness increased toward the middle of the day and it was entirely overcast for some time. It cleared away in the late afternoon and became cloudless at night. Stars bright.

It was cold in the early morning but the temperature rose rapidly till mid afternoon.

The trace of snow on the ground disappeared during the forenoon

Form No. 1014–Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) *Fort Wayne, Ind.*, (Day of week) *Tuesday*, (Date) NOV 10 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	32	32	33	36	38	43	46	48	50	53	52	51	49	47	46	45	44	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear			Pt cldy		Cldy					Pt cldy		Cldy					Clear			
Sunshine (in tenths of hours)							0	0	0	0.2	0.6	0.7	0.7	1.0	0.4	0	0							
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	SE	S	S	S	S	S	S
Wind movement	8	9	10	10	9	10	10	12	13	12	14	16	15	14	13	10	7	8	10	9	10	8	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:23; Character, Cloudy
Moonrise: 12:13a; Clear
Sunset: Time, 4:27; Character, Cloudy
Moonset: 1:59p; Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

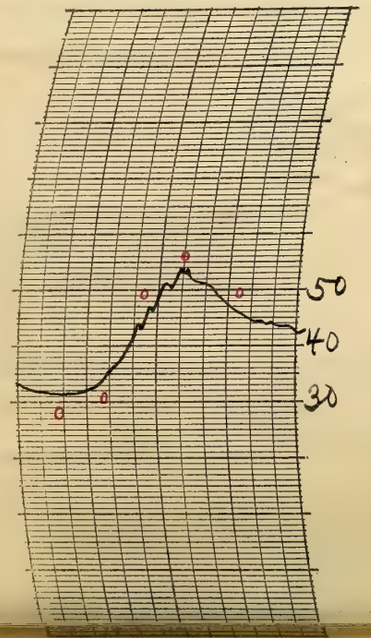
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.6; Possible sunshine, hours, 10.1
Per cent of possible sunshine, 36
Prevailing wind direction, S; Total wind, 256
Average hourly velocity, 10.7; Extreme velocity, 19
Maximum velocity, 19; Direction, SS
Time began, 11:14 am.
Reduced barometer, 30.18 7 a. m. 30.05 7 p. m.
River gage, 7.4 feet
Relative humidity, 69 7 a. m. 58 7 p. m.

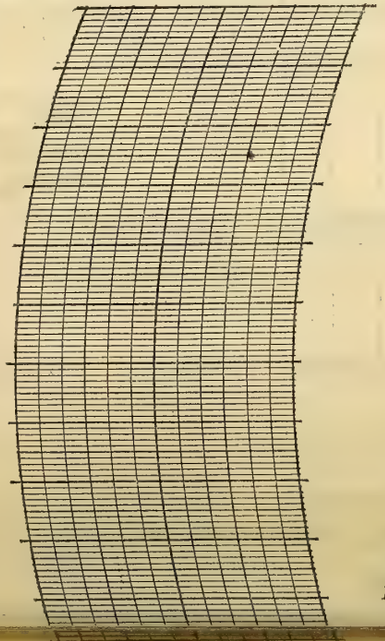
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.5; Wet temperature, 40.0
Dew-point, 30; R. humidity, 50; V. pressure, .164
Clouds: Amount, 6; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

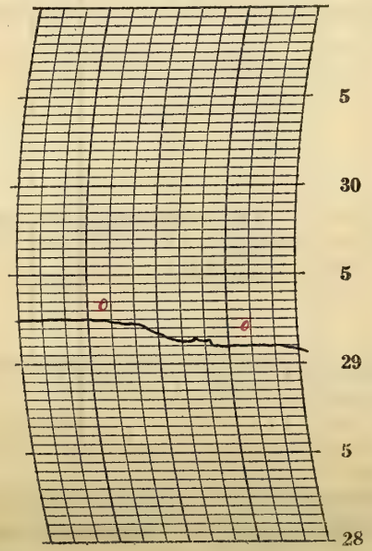
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.G.R.

NOTES

The sky was clear in the early morning with pale moonlight. It became partly overcast by 6:00 am and continued more or less cloudy till after nightfall when it became clear again.

The temperature rose rapidly during the forenoon and the average temperature was about normal.

Moderate southerly winds.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 11 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	40	40	40	39	39	41	44	49	52	55	58	58	58	56	55	53	53	52	51	51	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear															Cloudy								Cloudy →
Sunshine (in tenths of hours)							.60 0	0.8 0.1	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0							
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	10	12	9	10	9	10	10	10	11	10	11	10	11	12	10	9	6	8	9	10	10	7	7	7

Sunrise: Time, 6:24 Character, Clear
Moonrise: 1:13a Clear
Sunset: Time, 4:26 Character, Cloudy
Moonset: 2:26p Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	39	48	

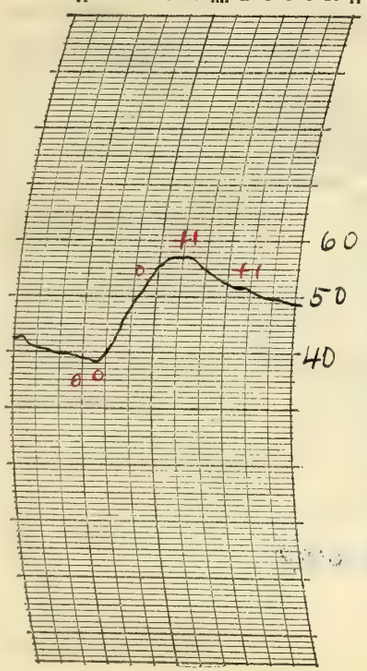
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.3 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 73
Prevailing wind direction, SW Total wind, 228
Average hourly velocity, 9.5 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 1:00 p.m.
Reduced barometer, 30.03 7 a. m. 30.01 7 p. m.
River gage, 6.3 feet
Relative humidity, 74 7 a. m. 61 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

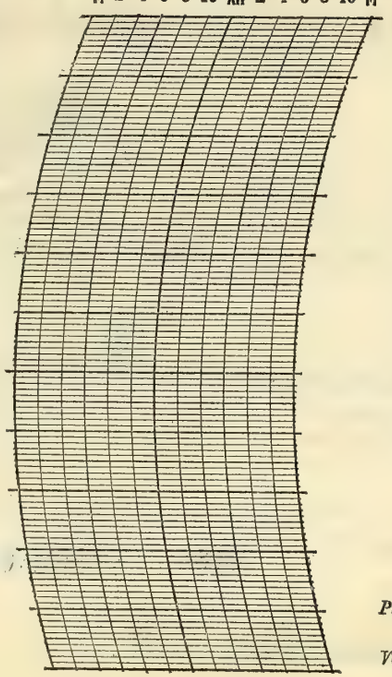
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 47.2
Dew-point, 39 R. humidity, 56 V. pressure, 237
Clouds: Amount, 1; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

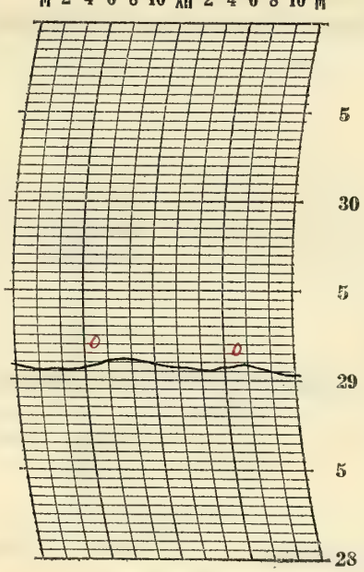
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by O. E. Russell

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NOTES

The sky was cloudless until about 11:00 am when upper clouds appeared from the south west. The cloudiness increased during the afternoon and it became entirely overcast at night.

Pleasant weather. Temperatures above the normal.

Solar halo, 22° radius, visible 12:20 p.m to 1:50 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 12 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	50	48	47	46	47	47	47	47	48	50	50	50	51	52	52	51	49	49	49	49	48
Nature of precipitation and time of beginning and ending					RB DN																RE 8:45			RB DN
Amounts of precipitation					T	.04	.04	.03	.06	.06	.17	.11	.13	.11	.14	.10	.09	.07	.01	.01	T			T
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	SE	SE	SE	SE	SE	W	W	W	SW	SW	SW
Wind movement	5	7	6	7	5	3	4	5	6	7	8	8	7	6	7	6	6	9	11	13	13	11	11	10

Sunrise: Time, 6:25 Character, Cloudy
Moonrise: 2:14a Cloudy
Sunset: Time, 4:25 Character, Cloudy
Moonset: 2:54p Cloudy

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

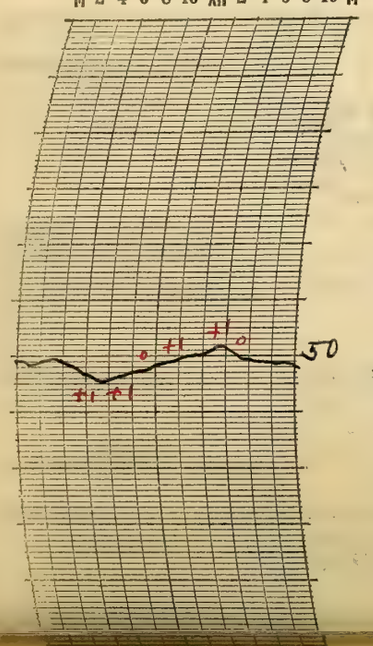
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	46	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., 1.09 ins.
Total precipitation, midnight to midnight, 1.17 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 20
Maximum velocity, 16 Direction, W
Time began, 8:35 p.m.
Reduced barometer, 29.80 7 a. m. 29.37 7 p. m.
River gage, 5.7 feet
Relative humidity, 95 7 a. m. 97 7 p. m.

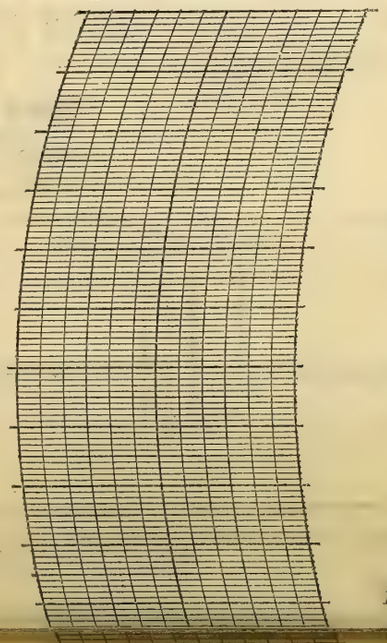
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.5 Wet temperature, 48.5
Dew-point, 48 R. humidity, 100 V. pressure, .334
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

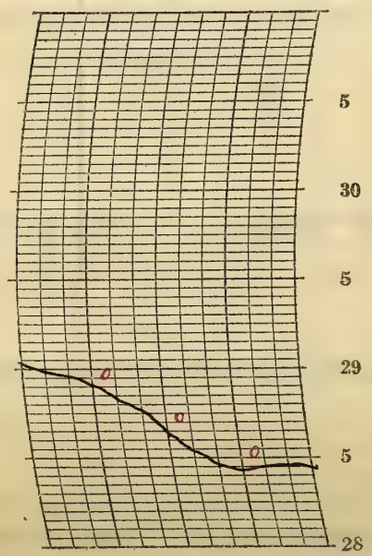
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

NOTES

Rain began early in the morning and continued until after nightfall. There was light rain later at night.

The barometer fell rapidly until about 5:00 p.m and then remained about stationary past midnight.

The temperature varied only slightly with the average above the normal.

Chicago called for 2 p.m. (75" MT) special observation.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 13 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	45	45	46	46	46	45	47	48	51	50	51	51	50	50	49	48	47	47	46	45
State of weather: Nature of precipitation and time of beginning and ending	Rcontd					RE 5:15																		
Amounts of precipitation	.02	T	.01	.01	T	T																		
Cloudiness and other conditions											Cloudy					X				Clear				
Sunshine (in tenths of hours)							0	0	0	0	0	0.1	0.2	0.4	0	0.5 0	4.2 0							
Wind direction	W	W	W	W	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	14	18	19	23	22	17	18	16	18	16	17	16	17	15	14	12	12	12	11	11	15	14	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:26 Character, Cloudy
Moonrise: 3:17a Cloudy
Sunset: Time, 4:25 Character, Clear
Moonset: 3:23p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

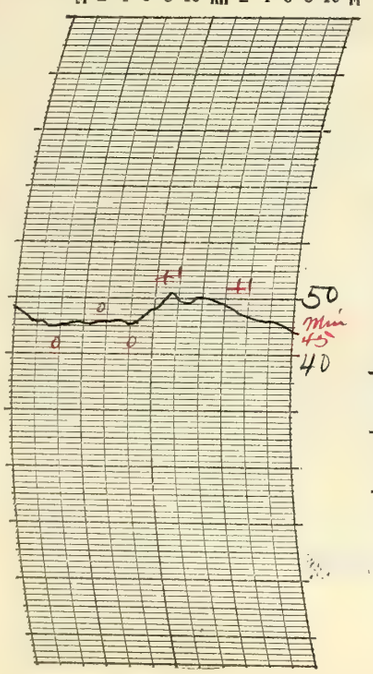
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	45	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.6 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 16
Prevailing wind direction, W Total wind, 371
Average hourly velocity, 15.5 Extreme velocity, 26
Maximum velocity, 26 Direction, W
Time began, 4:37 am.
Reduced barometer, 29.547 a. m. 29.76 7 p. m.
River gage, 11.2 feet
Relative humidity, 86 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.5 Wet temperature, 45.5
Dew-point, 42 R. humidity, 80 V. pressure, .266
Clouds: Amount, 8; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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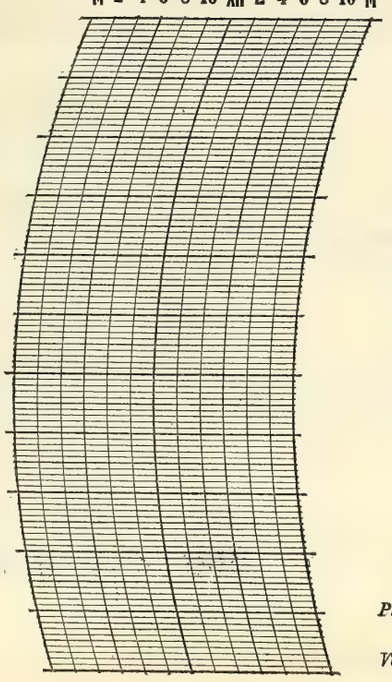
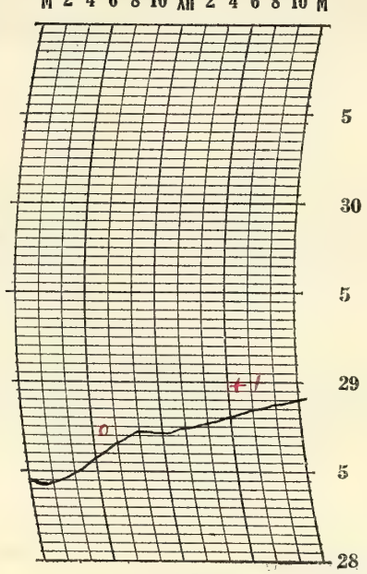


BAROGRAPH.



Prepared by O.W.K.

Verified by O. G. Russell

8—486

NOTES

Light rain continued from the previous day and ended in the early morning. The sky continued mostly overcast until late in the afternoon when it became clear. Clear into the night stars bright.

Temperatures continued above the average but a strong westerly wind made it more or less uncomfortable.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	40	39	38	41	42	45	48	48	49	48	46	43	41	40	40	39	39	38	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<				Clear.					X		Cloudy								>
Sunshine (in tenths of hours)							.53 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	0	0	0	0							
Wind direction	W	SW	W	W	SW	W	SW	SW	W	W	W	W	W	NW	NW	NW	N	N	NE	NE	NE	NE	NE	NE
Wind movement	12	10	12	12	10	8	11	8	12	13	12	11	11	8	7	8	6	8	7	7	7	11	12	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:28 Character, Clear
Moonrise: 4:22a Clear
Sunset: Time, 4:24 Character, Cloudy
Moonset: 3:53p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

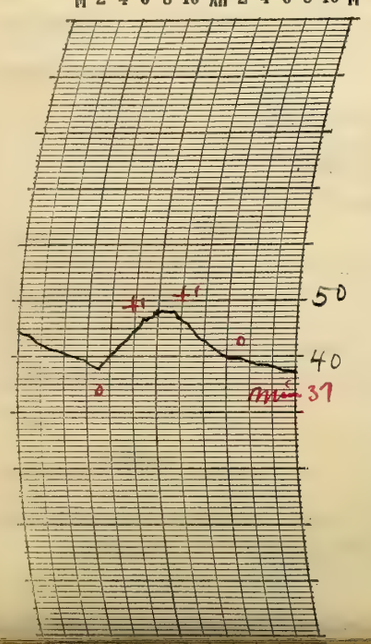
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, 4 Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 66
Prevailing wind direction, W Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 11:40 p.m.
Reduced barometer, 29.95 7 a. m. 29.96 7 p. m.
River gage, 12.5
Relative humidity, 83 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.4 Wet temperature, 43.2
Dew-point, 37 R. humidity, 66 V. pressure, .219
Clouds: Amount, 2; Kind, Ci St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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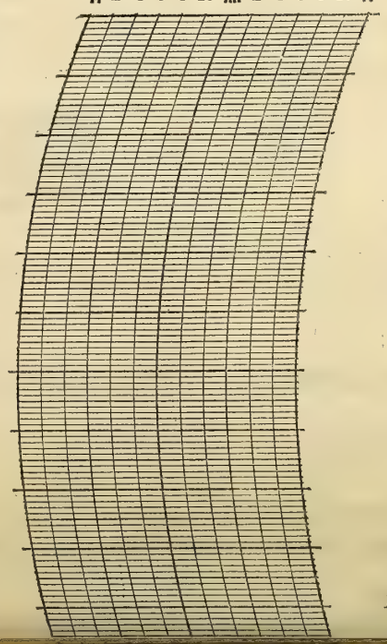
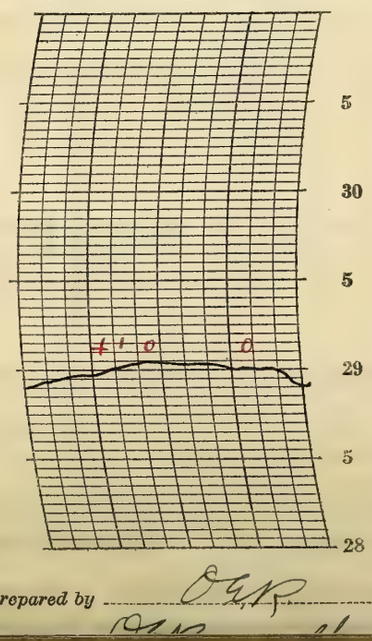


BAROGRAPH.



Prepared by O.G.P.

NOTES

The sky was mostly clear during the forenoon. The cloudiness increased rapidly and it became mostly overcast after 1:00 p.m. and remained cloudy into the night.

The weather was rather pleasant with temperatures about normal.

Solar halo, 22° radius, observed 12:10 p.m. to 12:30 p.m.

Ci St clouds moving rapidly about noon.

Chicago called for 12 noon (75th M.T.) special observation.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 15 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	34	33	33	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending	RB 12:25	—	—	—	—	—	—	—	—	RE 10:00	S*mB 10:00	—
Amounts of precipitation	T	T	.07	.12	.04	.04	.03	.01	.04	.01	.02#	.03#
Cloudiness and other conditions												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	34	34	35	34	35	35	34	33	33
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	S*mE 3:15	—	S*mB 5:50	S*mE 7:00					
Amounts of precipitation	.01#	T	T	T		T	T					
Cloudiness and other conditions												

Cloudy

Sunrise: Time, 6:29 Character, Cloudy

Moonrise: 5:29a Cloudy

Sunset: Time, 4:23 Character, Cloudy

Moonset: 4:26p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW
Wind movement	16	17	18	16	13	17	16	16	16	14	15	19

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	18	18	17	16	11	10	14	13	12	15	13	11

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .42 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 361

Average hourly velocity, 15.0 Extreme velocity, 26

Maximum velocity, 24 Direction, NE

Time began, 8:55 am.

Reduced barometer, 29.58 7 a. m. 29.80 7 p. m.

River gage, 11.8 feet

Relative humidity, 100 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

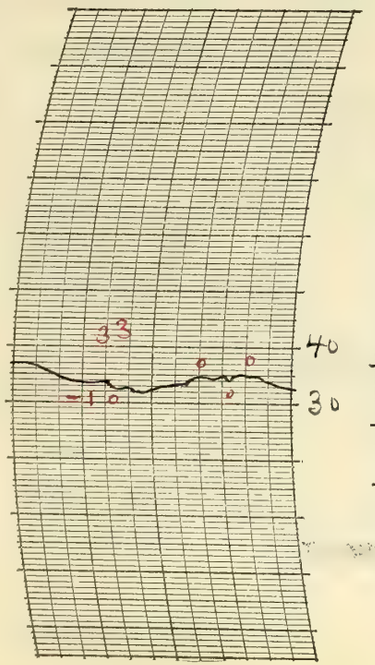
Dry temperature, 32.2 Wet temperature, 31.7

Dew-point, 31 R. humidity, 95 V. pressure, .172

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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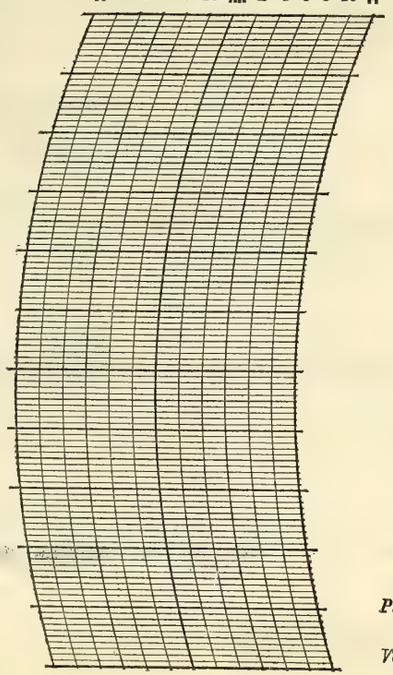
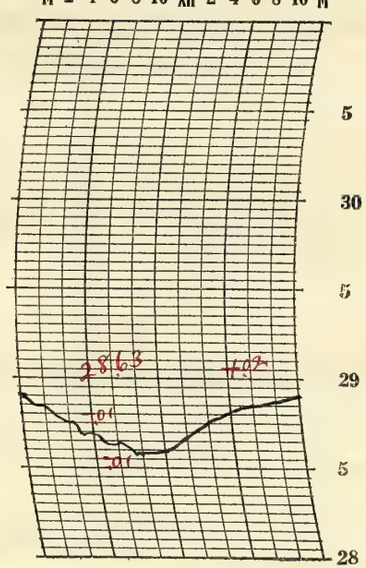


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E.Russell

8—486

NOTES

*Melted as it fell

#Hourly amounts estimated; total amount of precipitation from melted snow .06 inch.

Rain began shortly after midnight a.m. and continued until 10:00 am when it turned to snow. The snow ended about 3:15 p.m. The clouds broke up somewhat about 4:00 p.m. but a light snow flurry occurred later. It continued overcast into the night.

Temperatures slightly above the freezing point.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 16 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	31	31	32	33	33	34	32	32	33	32	32	32	32	32	32	31	31	31
State of weather: Nature of precipitation and time of beginning and ending				SMB DN	—	—	—	—	SME 8:30				SMB 12:30	—	—	—	—	—	—	7:10				
Amounts of precipitation				T	T	T	T	T	T				T	T	T	T	T	T	T	T				
Cloudiness and other conditions				Cloudy					X Fdy	X					Cloudy									

Sunrise: Time, 6:30 Character, Cloudy

Moonrise: 6:38a Cloudy

Sunset: Time, 4:23 Character, Cloudy

Moonset: 5:05p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.1	0.7	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	13	11	13	12	15	14	14	16	17	20	19	19	18	15	15	15	13	13	14	14	13	14	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	31	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, NEW - 12:58a

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.8 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 8

Prevailing wind direction, W Total wind, 348

Average hourly velocity, 14.5 Extreme velocity, 27

Maximum velocity, 26 Direction, W

Time began, 10:53 am

Reduced barometer, 29.94 7 a. m. 30.23 7 p. m.

River gage, 12:00 feet

Relative humidity, 79 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

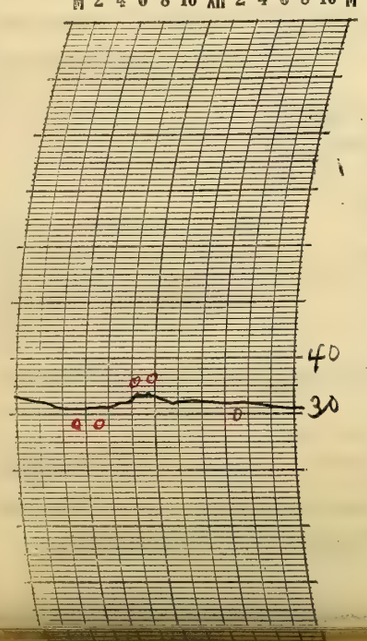
Dry temperature, 34.0 Wet temperature, 32.0

Dew-point, 29 R. humidity, 81 V. pressure, 157

Clouds: Amount, 10; Kind, St Cu Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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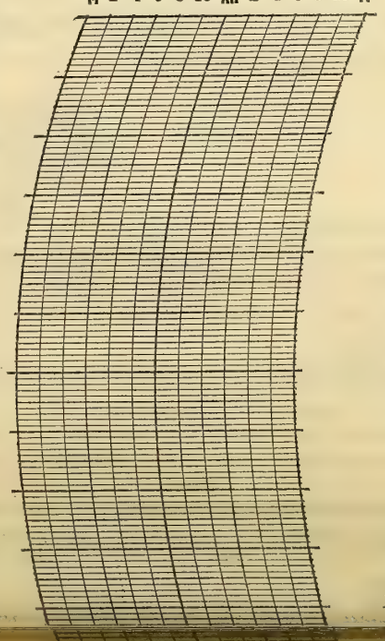
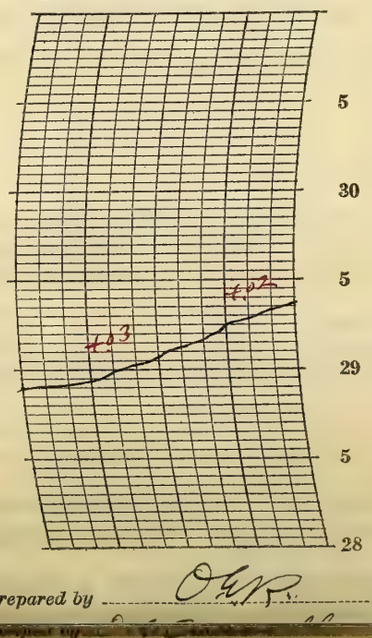


BAROGRAPH.



Prepared by O.E.R.

NOTES

Snow to 7 am: Trace.

Light snow flurries occurred in the early morning and forenoon and also during the afternoon and evening. The total amount of snowfall was very light during the afternoon but was sufficient to wet the streets and sidewalks as it melted in the morning.

Temperatures close to the freezing point during the whole 24 hours. It seemed cold and was rather disagreeable on account of a strong west wind.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 17 1925, 192

Time (local standard) 90" mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	31	31	32	33	35	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0
Wind direction	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	11	12	11	11	12	9	9	8	11	11	13	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	42	41	41	39	38	37	36	35	34	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	SW	S	S
Wind movement	11	10	10	10	9	9	11	12	13	11	14	12

Cloudy — Partly Cloudy — Clear

Sunrise: Time, 6:31 Character, Cloudy
Moonrise: 7:48a Cloudy

Sunset: Time, 4:21 Character, Cloudy
Moonset: 5:49p Clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	31	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.1 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 264
Average hourly velocity, 11.0 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 11:23 am.
Reduced barometer 30.50 7 a. m. 30.48 7 p. m.
River gage, 11.3 feet
Relative humidity, 73 7 a. m. 70 7 p. m.

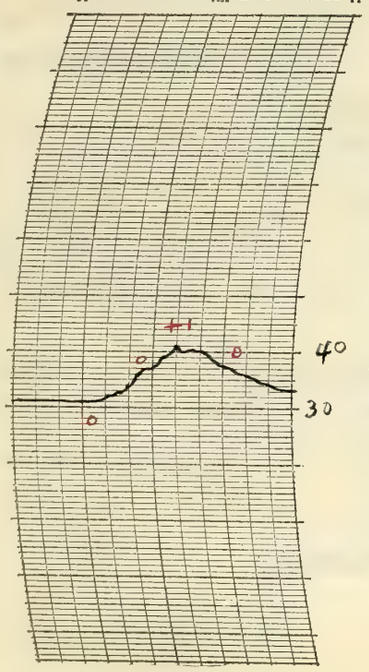
Maximum velocities (exceeding 29 miles) direction and time	

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

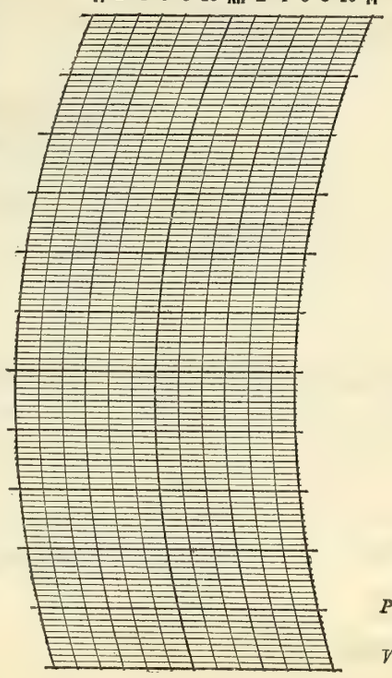
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 33.0
Dew-point, 27 R. humidity, 65 V. pressure, .143
Clouds: Amount, 2; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

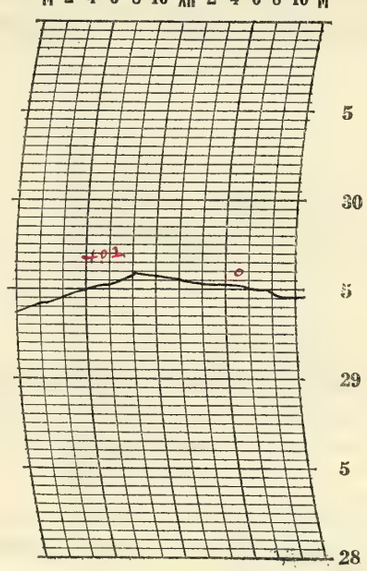
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by O.E.Russell

8—486

NOTES

Snow to 7:00 am Trace

The lower clouds of the early morning entirely disappeared by afternoon. Toward evening thin upper clouds came in from the west. The sky remained mostly clear into the night. Stars bright. Thin crescent of new moon visible in evening.

The temperature rose from early morning and it was pleasant during the afternoon. The trace of snow disappeared during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 18 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	33	35	37	39	44	44	46	47	48	48	48	45	46	45	43	43	43	44	44
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:15	—	—	—	—	RE 9:30		RB DR
Amounts of precipitation																	T	T	.01	.01	.02	T		T
Cloudiness and other conditions							Cloudy								Cloudy									
Sunshine (in tenths of hours)							0	0	0	0.1	0	0	0	0	0	0	0							
Wind direction	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	11	12	12	12	13	14	16	13	14	13	15	16	14	16	20	17	17	13	15	17	13	13

Sunrise: Time, 6:32 Character, Cloudy
Moonrise: 8:56 a Cloudy
Sunset: Time, 4:20 Character, Cloudy
Moonset: 6:41p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

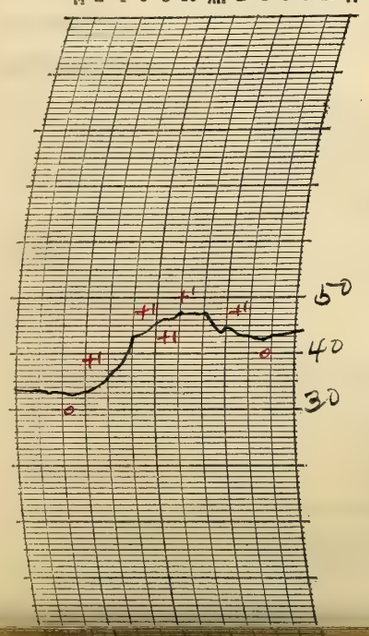
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind, 336
Average hourly velocity, 14.0 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 4:28 p.m.
Reduced barometer 30.30 7 a. m. 30.11 7 p. m.
River gage, 10.5 feet
Relative humidity, 75 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.5 Wet temperature, 40.5
Dew-point, 33 R. humidity, 60 V. pressure, .187
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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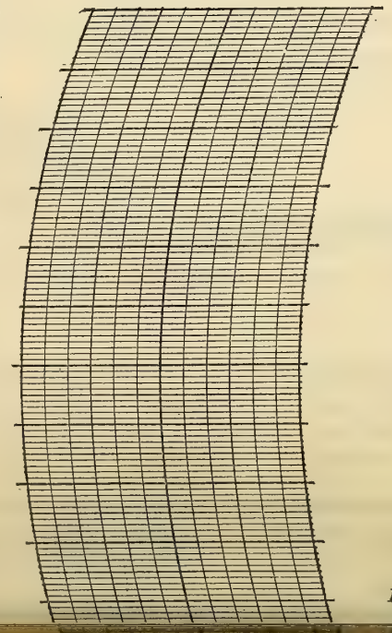
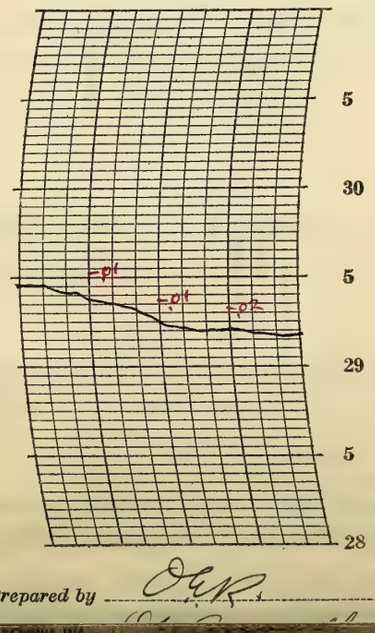


BAROGRAPH.



Prepared by O.E.R.

Forwarded by

NOTES

The sky was partly overcast in the early morning but it soon became entirely overcast and remained cloudy the rest of the day. Rain began in the late afternoon and continued into the night.

Temperatures practically normal.

Solar halo, 22° radius, observed 6:40 am to 7:00 am.

Chicago called for 2:00 p.m. (75th mt) special observation.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 19 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	45	45	45	45	45	45	45	46
State of weather: Nature of precipitation and time of beginning and ending	---	RE DN										
Amounts of precipitation	T	T										
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	11	12	11	11	9	10	13	14	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	46	45	43	39	40	38	39	39	39	40
State of weather: Nature of precipitation and time of beginning and ending								RB 7:25	RE 900			
Amounts of precipitation								T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.6	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	SW	W	NW	NW
Wind movement	12	9	9	7	10	11	6	7	5	5	7	8

Cloudy

Sunrise: Time, 6:33 Character, Cloudy

Moonrise: 10:00 a Cloudy

Sunset: Time, 4:20 Character, Cloudy

Moonset: 7:40 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	38	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 6

Prevailing wind direction, SW Total wind, 232

Average hourly velocity, 9.7 Extreme velocity, 22

Maximum velocity, 20 Direction, SW

Time began, 9:28 am

Reduced barometer, 30.08 7 a. m. 30.167 p. m.

River gage, 9.6 feet

Relative humidity, 88 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

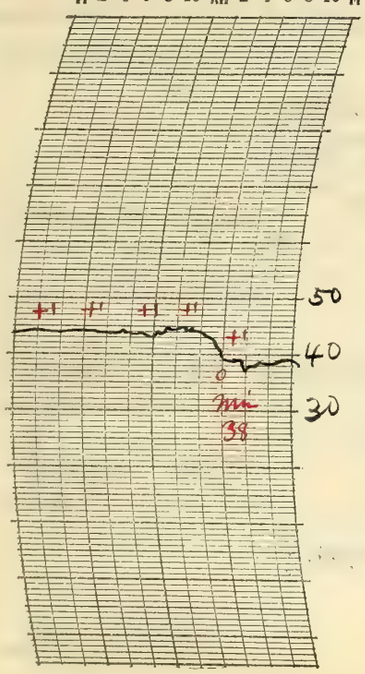
Dry temperature, 43.8 Wet temperature, 41.0

Dew-point, 38 R. humidity, 80 V. pressure, 228

Clouds: Amount, 10; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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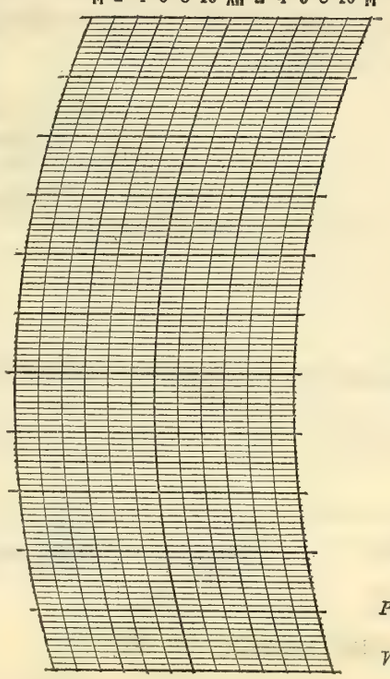
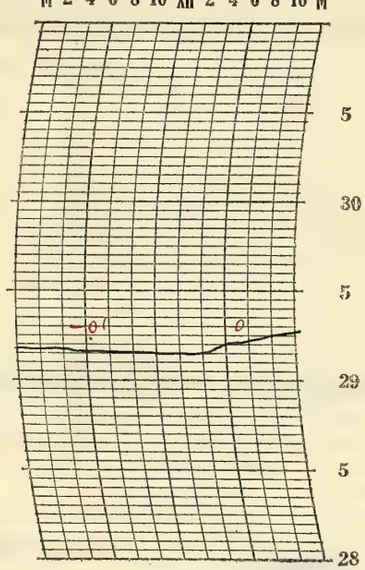


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

8—486

NOTES

The sky was mostly overcast all day and into the night. A light rain occurred in the early morning and also after the 7 p. m. observation.

The temperature was rather high in the early morning and did not change much until late afternoon when it started falling slowly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 20 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	35	35	33	33	34	35	39	40	43	44	46	49	49	49	46	44	43	42	41	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.32 0							
Wind direction	NW	NW	NW	W	W	SW	SW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	4	6	4	5	4	5	6	11	12	12	13	11	10	10	8	11	10	11	13	11	11	12

Clear

Sunrise: Time, 6:35 Character, Cloudy
Moonrise: 10:57a Clear

Sunset: Time, 4:19 Character, Clear
Moonset: 8:46p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

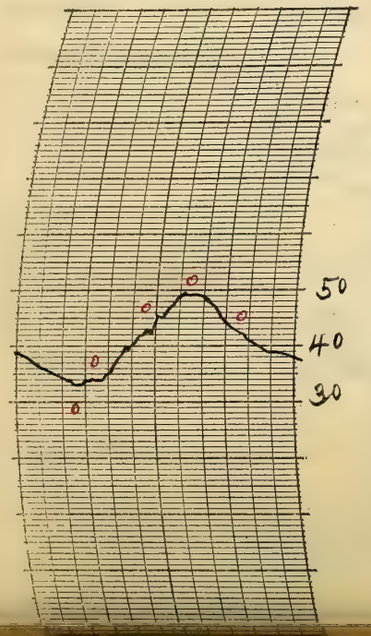
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 96
Prevailing wind direction, SW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 11:18 am.
Reduced barometer, 30.29 7 a. m. 30.23 7 p. m.
River gage, 9.5 fall
Relative humidity, 88 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.2 Wet temperature, 39.2
Dew-point, 32 R. humidity, 64 V. pressure, 180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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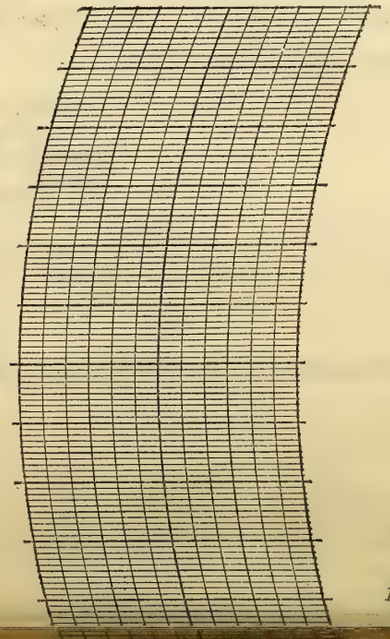

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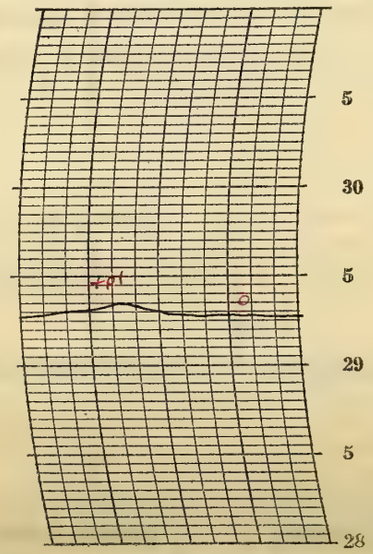


Prepared by O.E.R.

NOTES

A clear day with temperatures about seasonal.
The afternoon was quite pleasant.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 21 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	37	37	40	45	49	53	56	57	59	58	56	53	51	51	49	49	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							40 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	30 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	12	11	12	14	13	13	13	13	16	18	19	18	19	16	14	16	15	16	17	15	16	15
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 6:36 Character, Clear
Moonrise: 11:45a Clear

Sunset: Time, 4:18 Character, Clear
Moonset: 9:56p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

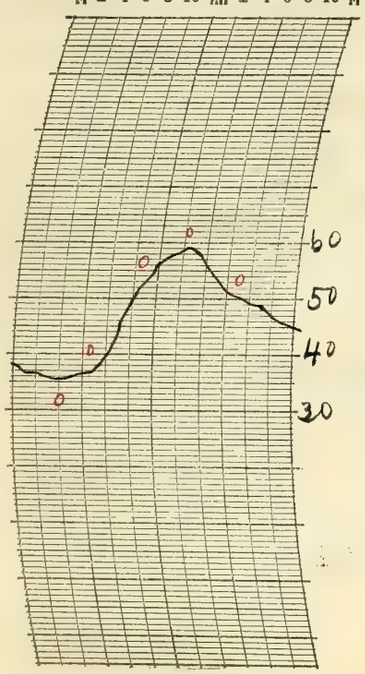
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 353
Average hourly velocity, 14.7 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 12:14 p
Reduced barometer, 30.16 7 a. m. 29.91 7 p. m.
River gage, 8.5 feet
Relative humidity, 81 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 46.5
Dew-point, 36 R. humidity, 48 V. pressure, .211
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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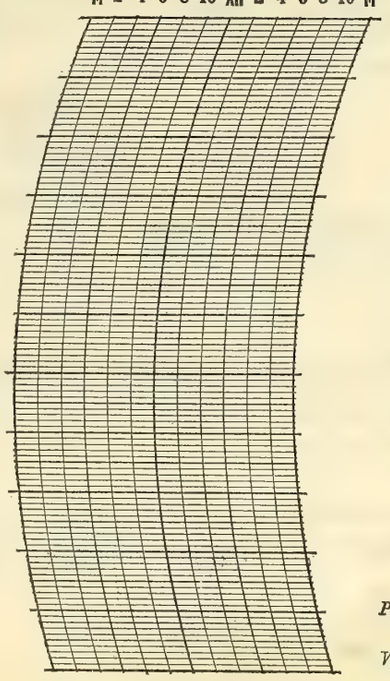
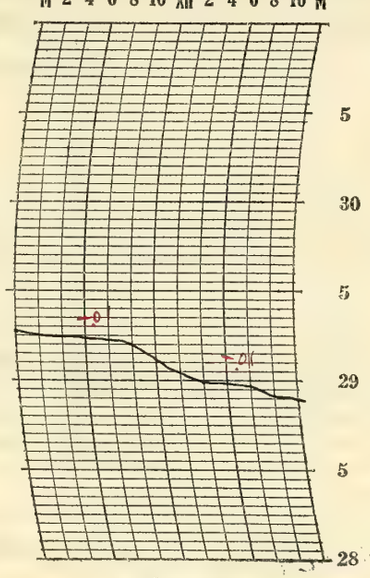


BAROGRAPH.



Prepared by O.E.R.

Verified by O.E. Russell

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NOTES

The sky remained cloudless all day and into the night. Pale moonlight for a while after nightfall. Stars brilliant.

The temperature rose rapidly from early morning and the highest temperature of the month to date, 59°, was recorded in the afternoon. Strong wind from the southwest.

A very pleasant fall day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 22 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	41	38	37	35	34	33	33	34	36	32	33	30	29	29	28	27	27	26	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending											Sd B 10:45							Sd E 5:15		Sd B 7:45	Sd E 8:20			
Amounts of precipitation											T	T	T	T	T	T	T	T		T	T			
Cloudiness and other conditions						Cloudy			Cloudy						Cloudy									

Sunrise: Time, 6:37; Character, Cloudy. Moonrise: 12:27p, Cloudy.

Sunset: Time, 4:18; Character, Cloudy. Moonset: 11:25p, Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	0.6	0.6	0.3	0.1	0.1	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	W	NW	W	W	W	W	W	W
Wind movement	13	17	15	22	20	19	17	18	20	21	24	20	17	17	13	15	16	16	14	15	14	13	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	24	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase, First Quarter 8:06 pm.

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.9 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 20

Prevailing wind direction, W Total wind, 402

Average hourly velocity, 16.8 Extreme velocity, 30

Maximum velocity, 29 Direction, W

Time began, 10:27 am

Reduced barometer, 29.92 7 a. m. 30.06 7 p. m.

River gage, 7.3 feet.

Relative humidity, 67 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

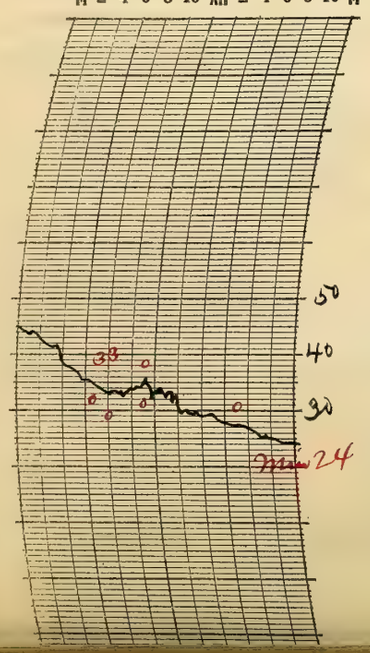
Dry temperature, 32.0 Wet temperature, 29.3

Dew-point, 25 R. humidity, 72 V. pressure, 1130

Clouds: Amount, 3; Kind, Acu St-cu; Direction, NW NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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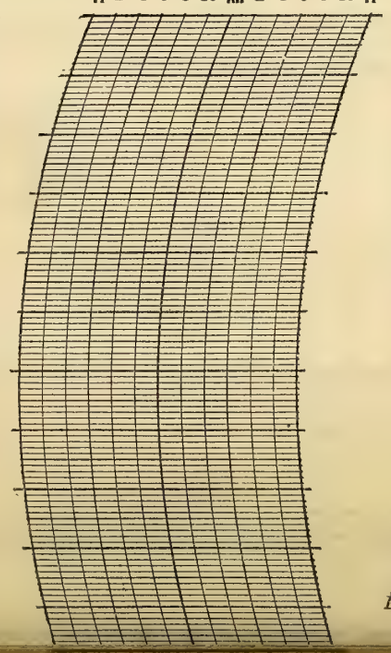
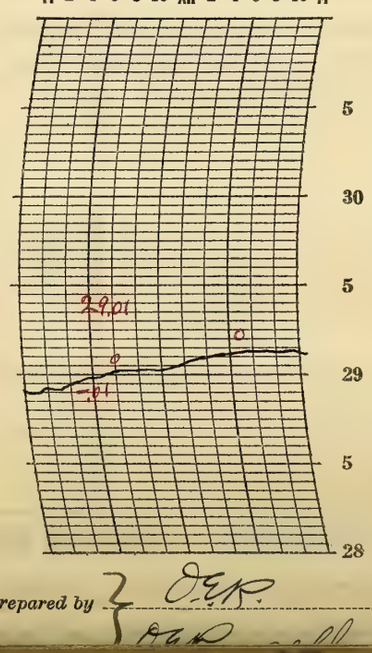


BAROGRAPH.



Prepared by D.E.K.

NOTES

Light snow began before noon and continued abt afternoon. The most of the time it was very light but about 3:00 p.m. the melting snow was sufficient to make the streets and sidewalks wet. There was ice in places where the melting snow froze later in the day. Over the sod the snow did not melt.

The temperature fell from midnight a.m. till early morning and then fell steadily again after noon. Strong west wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 23 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	22	22	23	23	24	24	25	26	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				<	—	Cloudy	—	—	—	—	× Pt cldy	
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.2
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	10	11	10	10	8	9	9	12	11	12	12

Sunrise: Time, 6:38 Character, Cloudy
Moonrise: 1:04p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	29	28	28	27	26	26	24	23	24
State of weather: Nature of precipitation and time of beginning and ending			SdB 2:50	SdE 3:35 ✓		SdB 5:30 SdE 5:45 ✓						
Amounts of precipitation			T	T		T						
Cloudiness and other conditions	X		—	Cloudy	—	—	—	X	—	Clear	>	
Sunshine (in tenths of hours)	0.4	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	11	11	10	8	9	8	7	5	5	7	8	7

Sunset: Time, 4:17 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

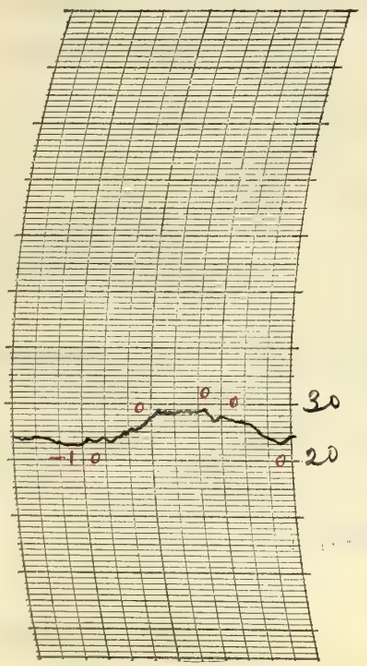
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	22	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 11
Prevailing wind direction, W Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 10:18 am
Reduced barometer, 30.06 7 a. m. 30.05 7 p. m.
River gage, 6.4 feet
Relative humidity, 70 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.0 Wet temperature, 23.0
Dew-point, 14 R. humidity, 53 V. pressure, .077
Clouds: Amount, 6; Kind, 2 cu 8 cu; Direction, NW W
Velocity of clouds (miles per hour)

THERMOGRAPH



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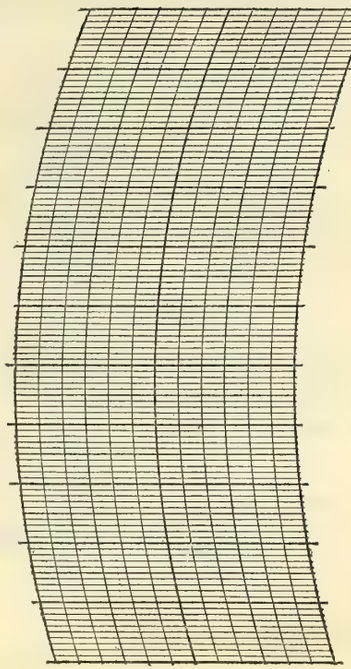
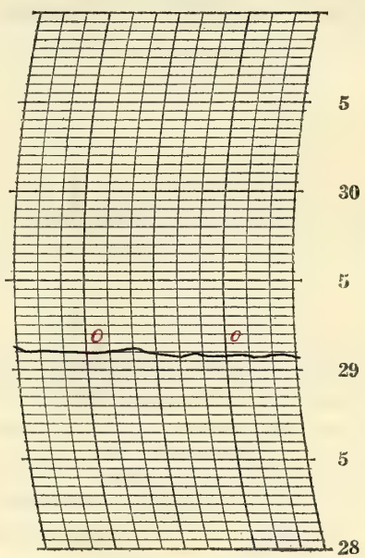


BAROGRAPH.



Prepared by O.E.R.
Verified by O.E. Russell

8—486

NOTES

Snowfall to 7 a.m.: Trace.
The day was mostly cloudy with light snow flurries in the afternoon and evening.
The sky cleared shortly after the 7:00 p.m. observation. Moonlight.
Temperatures below freezing all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 24 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	25	25	25	25	26	26	29	32	35	38	39	41	40	39	37	37	36	35	34	35	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Ptly cldy					Clear							Ptly cldy			Cloudy		

Sunrise: Time, 6:39; Character, Cloudy

Moonrise: 1:36p; Cloudy

Sunset: Time, 4:16; Character, Cloudy

Moonset: 12:14a; Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.1	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	10	10	9	8	9	9	9	11	15	17	19	18	17	15	15	11	8	9	10	10	9	9	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	24	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 57

Prevailing wind direction, SW Total wind, 270

Average hourly velocity, 11.2 Extreme velocity, 26

Maximum velocity, 24 Direction, SW

Time began, 11:09 am

Reduced barometer 30.01 7 a. m. 29.93 7 p. m.

River gage, 5.5 feet

Relative humidity, 78 7 a. m. 59 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

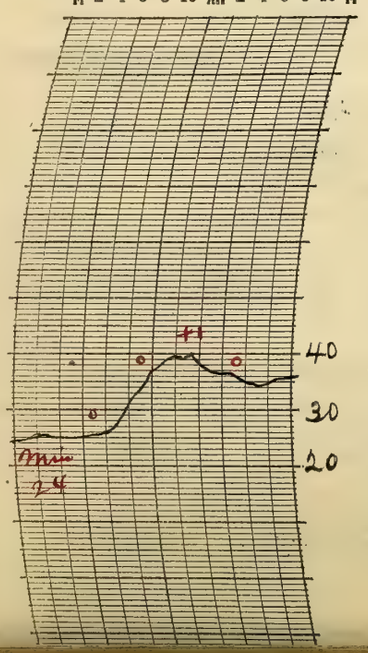
Dry temperature, 37.5 Wet temperature, 31.5

Dew-point, 22 R. humidity, 50 V. pressure, .113

Clouds: Amount, 2; Kind, A S t; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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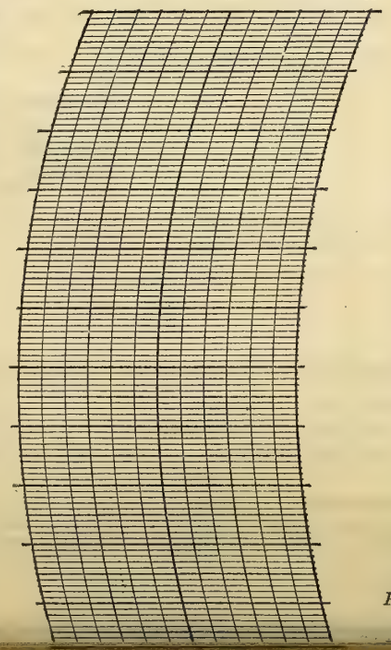

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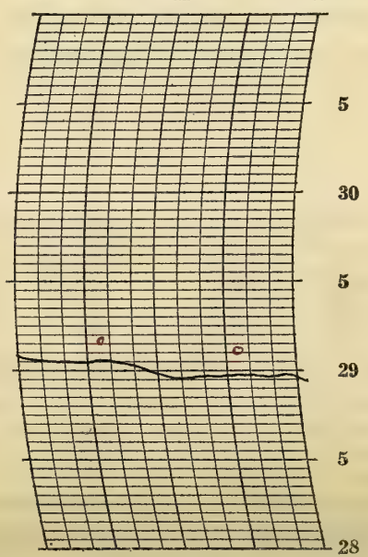


Prepared by O.E.R. O.E.Russell

NOTES

The sky was mostly clear through the middle of the day but partly overcast in the early morning and again in the evening. The moon shone for a while after dark through the thin upper clouds but it became entirely overcast about 8:30 p.m. — Trace of snow disappeared to day.

The temperature rose from early morning and it became rather pleasant in the afternoon.

Solar halo, 22° radius, indistinct, observed for a short while about 2:00 p.m.

Lunar corona, brightly colored, observed 5:10 p.m. to 6:20 p.m. and at intervals later.

Lunar halo, 22° radius, observed 6:38 p.m. to 7:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 25 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	36	36	34	33	33	36	38	40	43
State of weather: Nature of precipitation and time of beginning and ending					RB 4E DN							
Amounts of precipitation					T							
Cloudiness and other conditions				<			Pt cldy			X		Clear
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0
Wind direction	S	SE	SE	SE	E	NE	E	NE	NE	NE	NE	N
Wind movement	6	4	5	4	4	5	5	6	5	7	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	44	39	36	34	32	31	30	29	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X	Pt cldy		X		Clear			>
Sunshine (in tenths of hours)	1.0	1.0	0.2	0.5 0	0							
Wind direction	N	N	NE	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	10	8	9	7	9	11	9	8	9	8	7	8

Sunrise: Time, 6:41 Character, Cloudy
Moonrise: 2:07p Clear
Sunset: Time, 4:16 Character, Cloudy
Moonset: 1:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

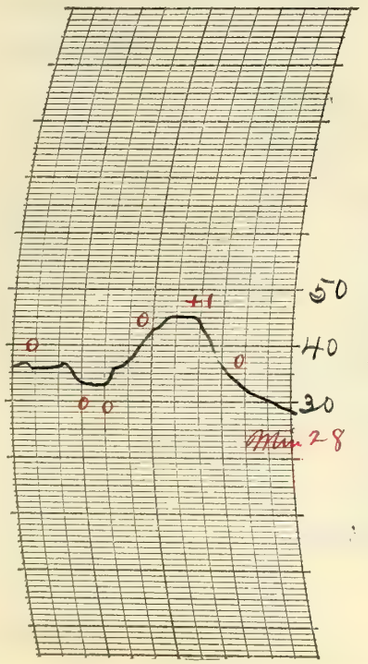
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	28	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 57
Prevailing wind direction, NE Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 5:51 p.m.
Reduced barometer, 29.83 7 a. m. 30.09 7 p. m.
River gage, 4.6 feet.
Relative humidity, 84 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.0 Wet temperature, 38.3
Dew-point, 32 R. humidity, 65 V. pressure, 180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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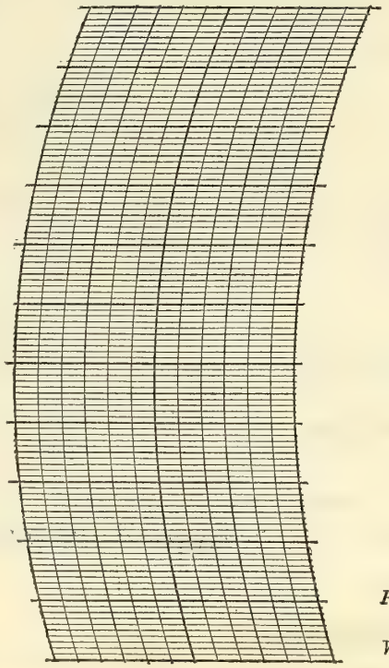
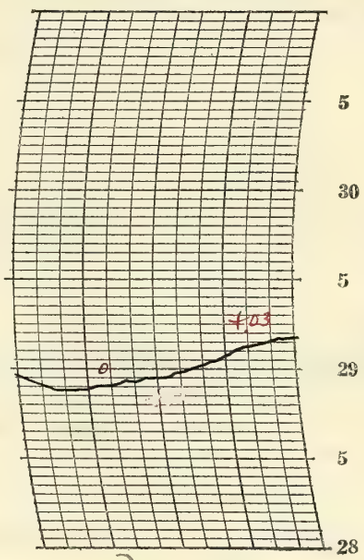


BAROGRAPH.



Prepared by O.R.P.
Verified by O.E. Russell

8—486

NOTES

A light shower fell during the night am, and the streets were still wet at daylight. The sky was partly overcast during the morning and evening but clear through the middle of the day and clear at the night. The moon shone through the thin upper clouds at night. The temperature rose rapidly from early morning and then fell rapidly after 3:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 26 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	26	26	26	26	27	30	33	35	35	36	36	35	35	34	34	35	34	34	34	34	34
State of weather. Nature of precipitation and time of beginning and ending																			RB 6:35					
Amounts of precipitation																			T	T	.02	.02	.01	T
Cloudiness and other conditions											Cloudy													
Wind direction	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE
Wind movement	7	8	9	7	11	10	10	9	8	9	9	10	8	11	10	12	10	11	10	9	6	7	7	7
Sunshine (in tenths of hours)							0	0	0	0.6	0	0	0	0	0	0	0							
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:42 Character, Cloudy
Moonrise: 2:37p Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 2:31a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

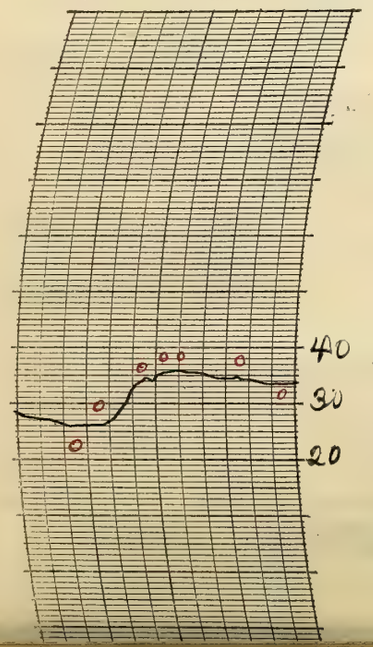
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	26	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 6
Prevailing wind direction, E Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 1:11 p.m.
Reduced barometer, 30.097 a. m. 29.81 p. m.
River gage, 3.9 feet
Relative humidity, 88 a. m. 77 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 32.0
Dew-point, 28 R. humidity, 73 V. pressure, .150
Clouds: Amount, 10; Kind, Ast.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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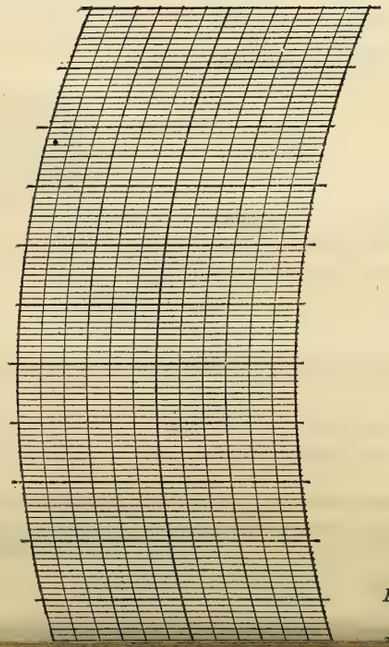
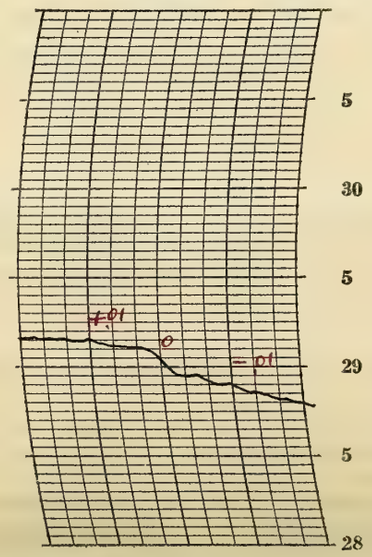


BAROGRAPH.



Prepared by O.E.R. O.E.Russell

NOTES

The sky was mostly overcast all day. Upper clouds prevailed until after noon when the clouds became heavier and rain began at 6:35 p.m. The rain continued past midnight.

The temperature rose from early morning till about 1:00 p.m. but from that time till past midnight it varied only about two degrees.

Chicago called for 12 noon (75th MT) Special observation.

FORM NO. 1014—M6071

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 27 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	35	36	37	38	36	35	33	33	31	30	28	28	28	27	27	27	26	25
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	RE 10:15				SB 2:05 SE 2:25									
Amounts of precipitation	T	T	.01	.02	.01	.03	.01	T	T	T	T				T									
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	5	3	7	7	11	7	8	11	11	14	15	17	20	17	16	17	15	13	15	14	13	11	12	11

Sunrise: Time, 6:43; Character, Cloudy. Moonrise: 3:06 p, Cloudy.

Sunset: Time, 4:15; Character, Cloudy. Moonset: 3:37 a, Cloudy.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

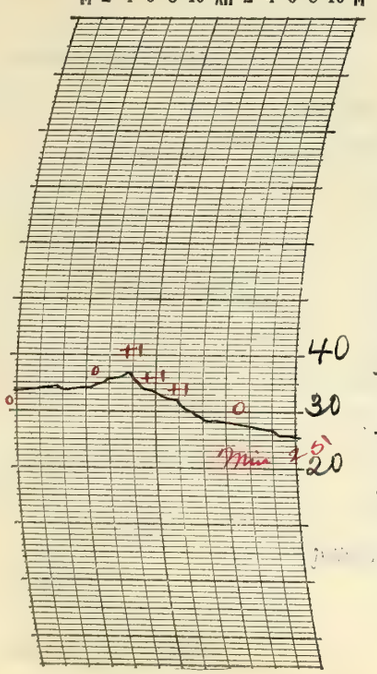
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	25	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 290
Average hourly velocity, 12.1 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 1:15 p.m.
Reduced barometer, 29.85 7a. m. 30.26 7p. m.
River gage, 3.5 feet
Relative humidity, 93 7a. m. 78 7p. m.

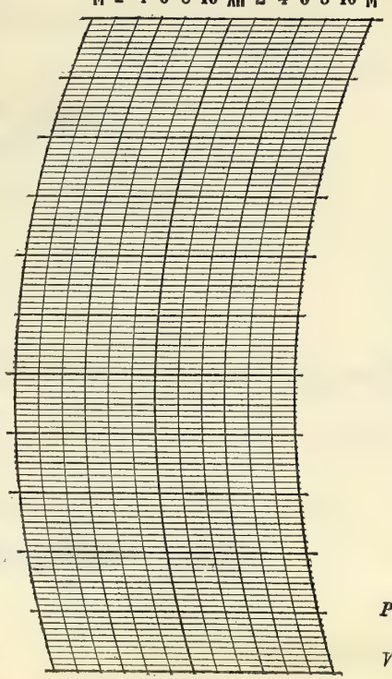
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.7 Wet temperature, 32.7
Dew-point, 30 R. humidity, 82 V. pressure, .164
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

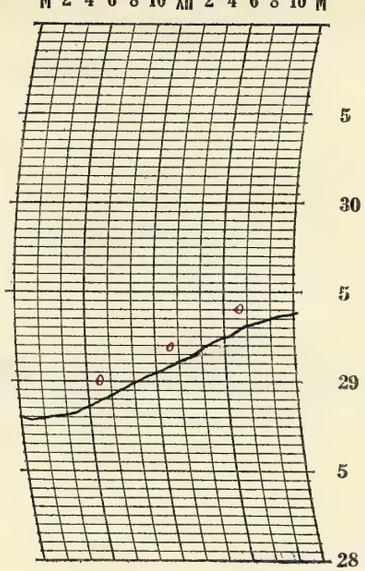
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D.E.P.

Verified by P. McDonough

8—486

NOTES

Light rain continued from the previous date and ended a while after 10:00 am. A light snow flurry occurred in the afternoon. The sky continued overcast into the night.

The temperature was above normal during the forenoon. After about 10:00 am it fell steadily and the strong northwest wind made it cold and disagreeable during the afternoon and night.

Chicago called for 2:00 p.m. (75th M.T.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 28 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	23	22	22	22	23	24	25	26	25	26	25	25	26	25	26	26	26	26	24	24	24
State of weather: Nature of precipitation and time of beginning and ending											SPB 10:40		-	-	-	SKE 3:15								
Amounts of precipitation											T	T	T	T	T	T								
Cloudiness and other conditions											Cloudy										Clear			

Sunrise: Time, 6:44 Character, Cloudy
Moonrise: 3:38 p Cloudy

Sunset: Time, 4:15 Character, Cloudy
Moonset: 4:42 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.1	0.4	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	W	NW	W	W	SW	SW	NW	NW	NW
Wind movement	13	11	11	11	8	9	10	8	8	10	9	10	8	10	9	8	6	4	4	4	3	2	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

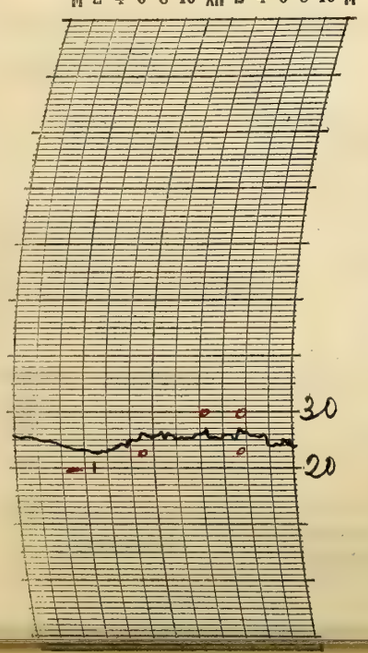
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	22	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 5
Prevailing wind direction, W Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 12:59 am.
Reduced barometer, 30.467 a. m. 30.53 p. m.
River gage, 3.3 feet
Relative humidity, 72 7 a. m. 64 7 p. m.

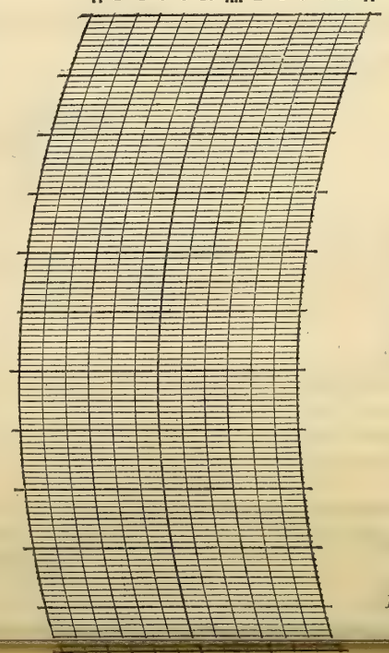
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.2 Wet temperature, 21.5
Dew-point, 12 R. humidity, 54 V. pressure, .070
Clouds: Amount, 9; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

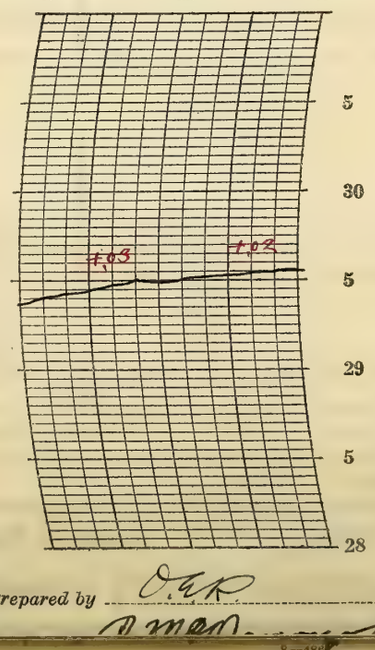
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
D. Men...

NOTES

The day was cloudy and cold. There were light snow flurries but the total amount of snowfall was very small. The sky cleared at night, moonlight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	22	22	22	22	23	24	25	26	28	29	30	30	30	29	28	28	29	28	29	28	28
State of weather: Nature of precipitation and time of beginning and ending										SP 9:00	–	–	–	–	–	–	–	–	–	–	–	–	SE DN	
Amounts of precipitation										T	T	T	T	T	T	T	T	T	.01	T	.01	.01	T	
Cloudiness and other conditions												Cloudy												

Sunrise: Time, 6:45; Character, Cloudy. Moonrise: 4:13p Cloudy.

Sunset: Time, 4:15; Character, Cloudy. Moonset: 5:46a Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	2	2	3	2	2	3	3	4	5	7	8	6	8	7	6	6	5	5	5	5	3	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

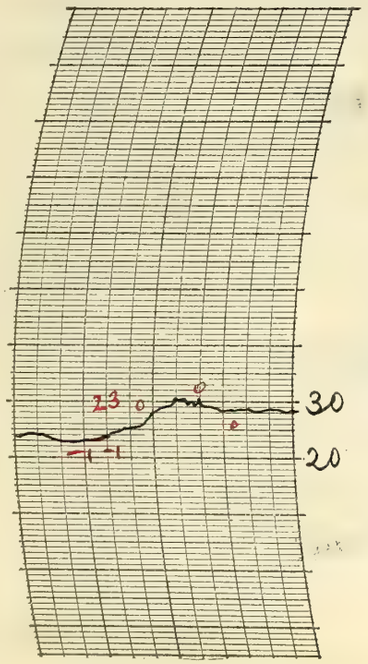
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	22	26	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 111
Average hourly velocity, 4.6 Extreme velocity, 11
Maximum velocity, 11 Direction, SE
Time began, 9:49 a.m.
Reduced barometer, 30.53 7 a. m. 30.39 7 p. m.
River gage, 2.8 feet
Relative humidity, 70 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 25.5
Dew-point, 21 R. humidity, 71 V. pressure, .108
Clouds: Amount, 5 5; Kind, Stau a st; Direction, SE W
Velocity of clouds (miles per hour)

THERMOGRAPH



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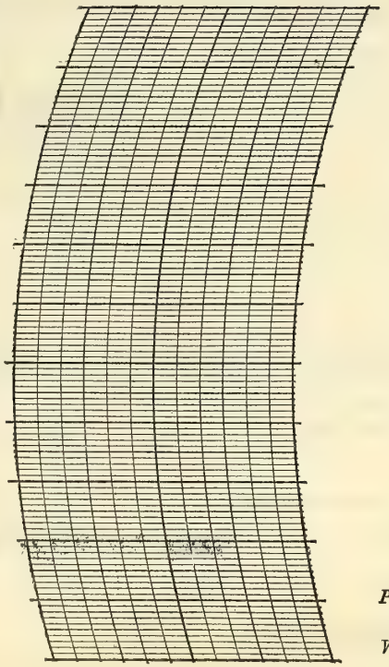
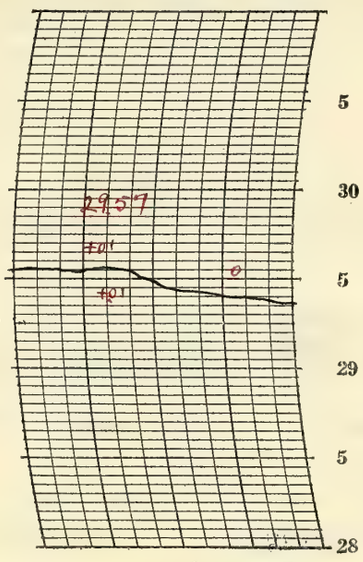


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Light snow fell from 9:00 am until late at night. Streets and sidewalks icy in places from the packed snow. The temperature rose slowly from early morning but it remained below freezing all day.

Hourly amounts of snow estimated.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 30 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	29	31	32	34	35	36	37	33	39	40	40	39	39	38	37	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:55	---	RE 6:10					
Amounts of precipitation																	T	T	T					
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	SE	SE	SE	E	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SW	W	W	W	W	W
Wind movement	3	3	4	4	3	5	4	6	9	10	11	11	10	11	8	7	7	7	7	15	15	13	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:46 Character, Cloudy
Moonrise: 4:52p Cloudy
Sunset: Time, 4:14 Character, Cloudy
Moonset: 6:48a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

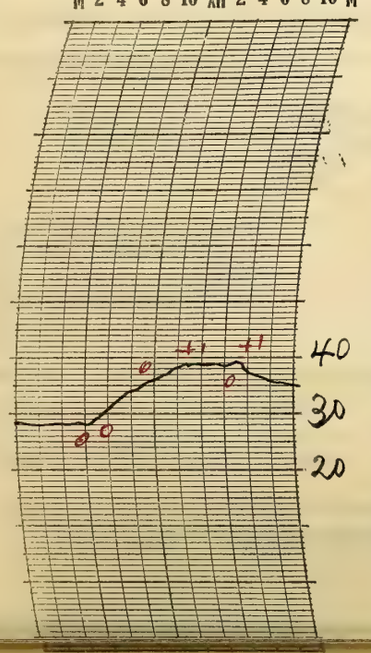
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	28	34	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase Full - 2:11 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 7:46 p. m.
Reduced barometer, 30.19 7 a. m. 29.94 7 p. m.
River gage, 3.0 feet
Relative humidity, 96 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 32.8
Dew-point, 28 R. humidity, 71 V. pressure, 150
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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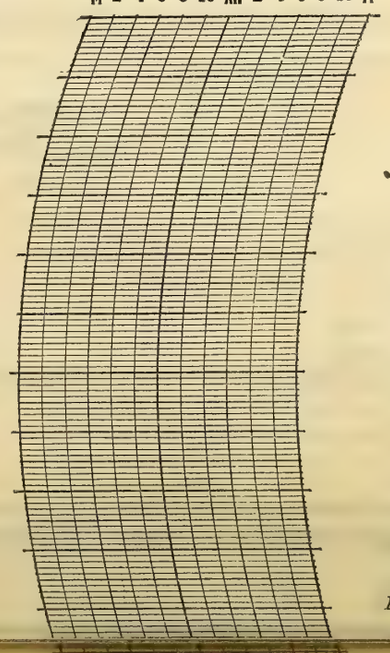
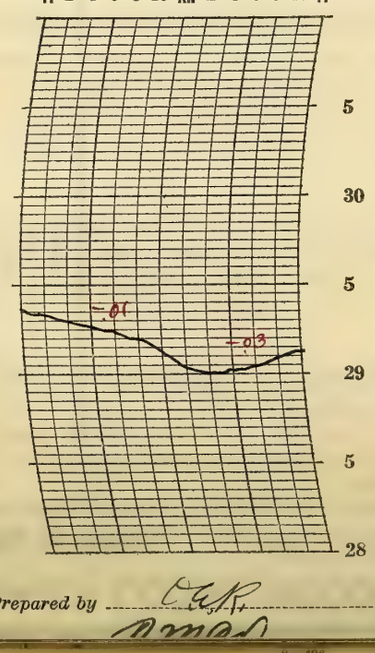


BAROGRAPH.



Prepared by C.E.R.
Noon

NOTES

Snowfall to 7:00 am 0.2 inch.
Snow on ground at 7:00 am 0.3 inch.
The snow disappeared during the day.
The sky remained heavily overcast most of the day.
A light shower fell in the evening. Cloudy into the night.
Temperature about normal.

Chicago called for 4:00 p.m. (75th M.T.) special observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 1 1925, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	36	35	35	34	35	36	36	37	37	37	36	35	35	35	35	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 6:47 Character, Cloudy																								
Moonrise: 5:34p Cloudy																								
Sunset: Time, 4:14 Character, Cloudy																								
Moonset: 7:47a Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	NW	W	W	W	NW	NW	NW	NW	NW	N	N	N	NE	NE	N	N	N	N	NE	NE	NE	E
Wind movement	9	8	8	7	6	6	5	6	7	7	6	4	6	5	4	3	4	3	3	2	3	3	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

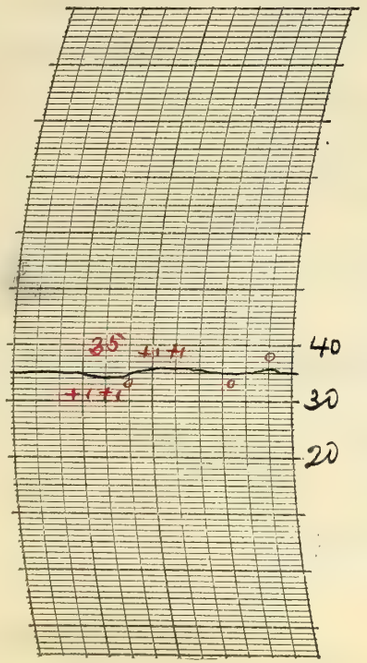
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	37	34	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 124
Average hourly velocity, 5.2 Extreme velocity, 10
Maximum velocity, 10 Direction, W
Time began, 12:40 am.
Reduced barometer, 30.16 7 a. m. 30.23 7 p. m.
River gage, 2.9 feet
Relative humidity, 82 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 33.4
Dew-point, 30 R. humidity, 75 V. pressure, .164
Clouds: Amount, 10; Kind, St cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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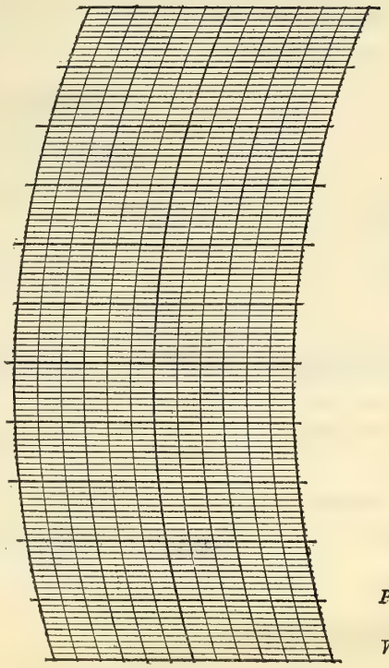
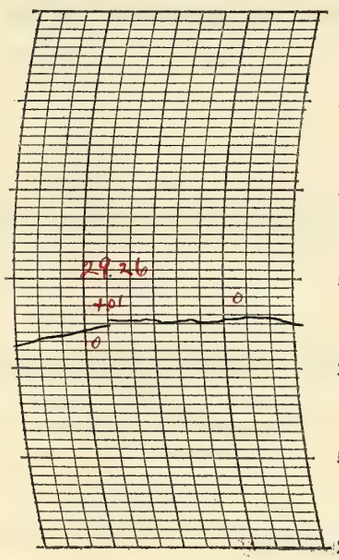


BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

The sky was heavily overcast all day and into the night. Small range in temperature

Dry thermometer # 6946 broken in instrument shelter at 8:00 am. Replaced by thermometer # 7964.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 2 1925, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	33	31	30	31	33	34	35	37	40	41	41	39	37	36	35	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy				X		Pt cldy	X		Clear		X	Cloudy		
Sunrise: Time, Character, 6:48 Cloudy																								
Moonrise: 6:21p Clear																								
Sunset: Time, Character, 4:13 Cloudy																								
Moonset: 8:42a Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	0	0.2	0.5	0	0							
Wind direction	E	E	E	E	E	E	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	5	5	4	5	6	7	7	6	8	7	7	8	7	8	9	8	8	8	10	9	9	11	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 12
Prevailing wind direction, NE-E Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 8:57 p.m.
Reduced barometer, 30.16 7 a. m. 30.04 7 p. m.
River gage, 2.8 feet
Relative humidity, 89 7 a. m. 86 7 p. m.

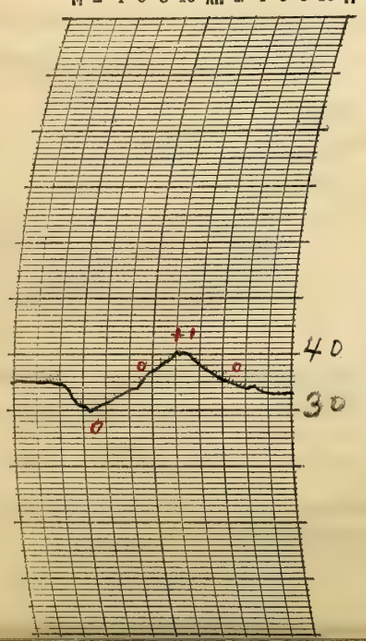
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 34.1
Dew-point, 30 R. humidity, 78 V. pressure, .164
Clouds: Amount, 8; Kind, St cu Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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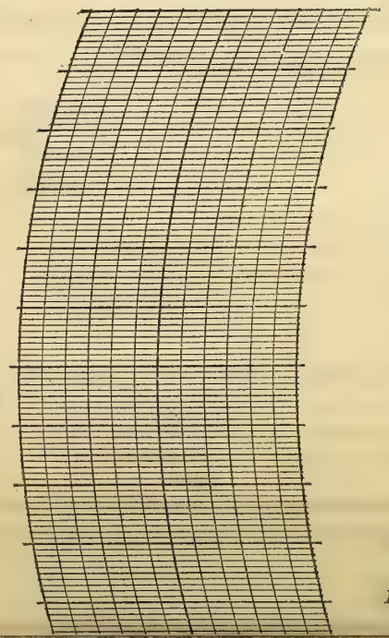
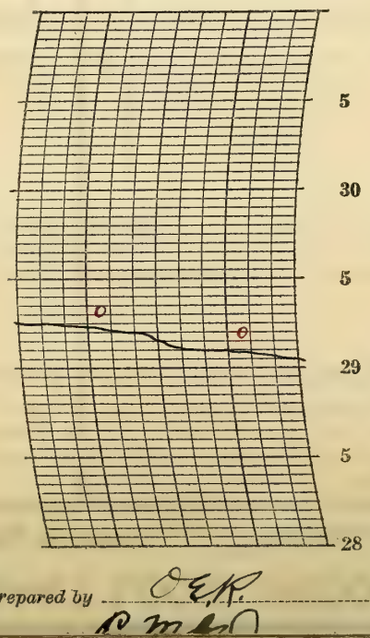


BAROGRAPH.



Prepared by O.E.R.
P M A

NOTES

The cloudiness decreased somewhat in the afternoon and the sky was clear for a while in the evening. It became cloudy again late at night.

Temperatures about normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 3 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	34	33	33	32	33	35	39	47	51	51	52	50	49	48	47	46	45	46	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Dense Fog			Lt Fog			Clear			Pt Cldy				Cloudy				
Sunshine (in tenths of hours)							0	0	0	0	0.3	1.0	0.4	0	0	0	0							
Wind direction	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	SE
Wind movement	6	6	4	3	2	3	2	3	2	2	3	4	7	4	5	6	5	4	4	4	4	8	9	7

Sunrise: Time, 6:49; Character, Foggy. Moonrise: 7:12 p, Cloudy.

Sunset: Time, 4:13; Character, Cloudy. Moonset: 9:22 a, Foggy.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	32	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 1.7; Possible sunshine, hours, 9.4

Per cent of possible sunshine, 18

Prevailing wind direction, SE; Total wind, 107

Average hourly velocity, 4.5; Extreme velocity, 10

Maximum velocity, 10; Direction, SE

Time began, 10:10 p.m.

Reduced barometer, 29.97 7 a. m. 29.84 7 p. m.

River gage, 2.7 feet

Relative humidity, 100 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

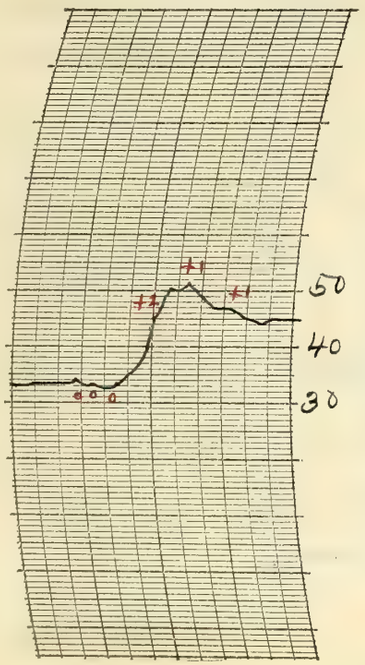
Dry temperature, 47.3; Wet temperature, 44.3

Dew-point, 41; R. humidity, 79; V. pressure, .256

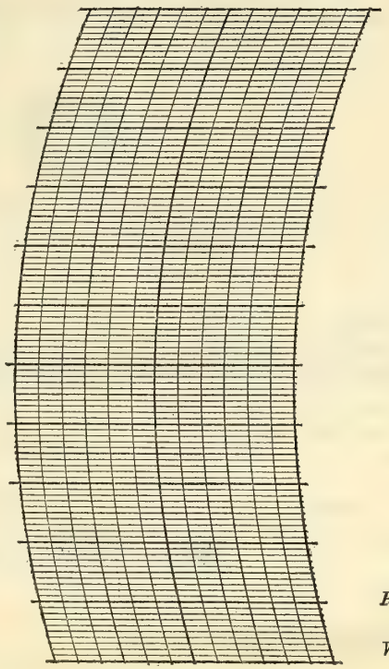
Clouds: Amount, 3; Kind, ~~Lt Fog~~ As; Direction, SW

Velocity of clouds (miles per hour)

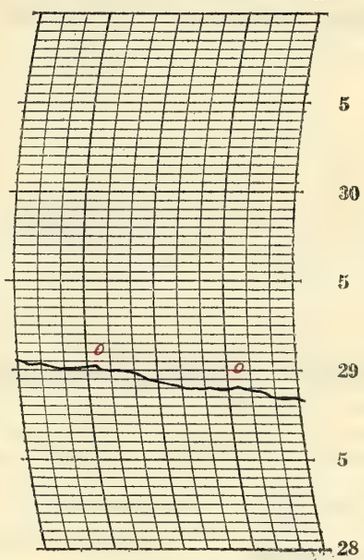
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D.E.P.

Verified by P. McDonough

8—486

NOTES

Dense fog began during the night, a.m., and became light fog about 9:30 am. The light fog ended about 1:30 p.m.

The sky was clear during the middle of the day with increasing cloudiness in the afternoon. It was mostly cloudy into the night altho a few of the brighter stars were visible through the clouds.

The temperature rose very rapidly after 9:00am and it was quite pleasant in the afternoon.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 4 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	43	43	43	43	43	43	44	44	45	46
Nature of precipitation and time of beginning and ending							RB 6:05	RE 7:05		RB 9:55	- - -	- - -
Amounts of precipitation							.06	T		T	T	T
Cloudiness and other conditions											Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	49	51	52	52	54	53	54	53	48	44
Nature of precipitation and time of beginning and ending	- - -	- - -	- - -	- - -	- - -	- - -	- - -	—	- - -	- - -	- - -	RE 10N
Amounts of precipitation	.02	.07	.14	.01	T	T	T	T	T	T	.14	T
Cloudiness and other conditions												

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 8:07p Cloudy

Sunset: Time, 4:13 Character, Cloudy
Moonset: 10:15a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	6	6	7	9	6	9	12	10	8	8	7	7

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SW	SW
Wind movement	8	11	13	13	13	14	12	14	9	8	12	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

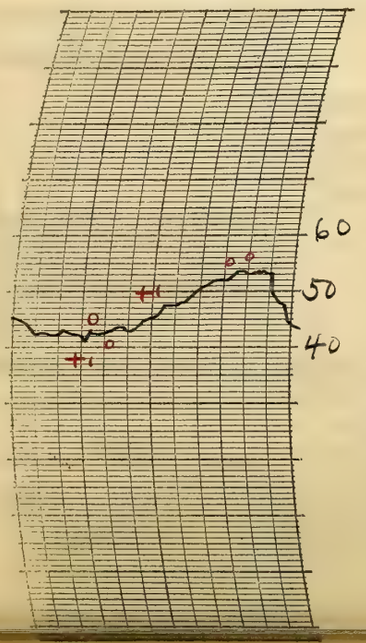
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .06 ins.; to 7 p. m. .24 ins.
Total precipitation, midnight to midnight, .44 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, 11:32 pm.
Reduced barometer, 29.58 7 a. m. 29.30 7 p. m.
River gage, 2.6 feet
Relative humidity, 92 7 a. m. 87 7 p. m.

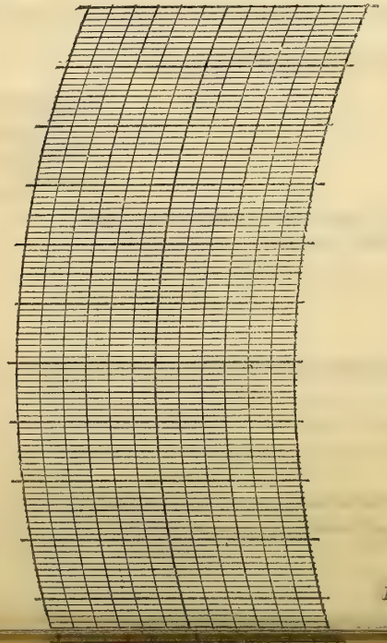
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.6 Wet temperature, 44.6
Dew-point, 44 R. humidity, 93 V. pressure, .287
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

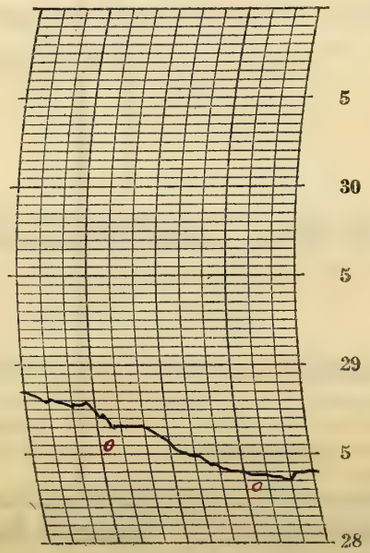
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R. Pman

NOTES

Light rain fell the greater part of the day and continued into the night.

Temperatures were above normal and remained rather high into the night.

The barometer fluctuated somewhat in the early morning and was falling until about 10:00 p.m when it started rising.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 5 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	41	40	38	38	37	34	33	32	31	31	30	29	28	27	26	25	24	23	21	22	22	23
State of weather: Nature of precipitation and time of beginning and ending			RB DN		RE DN			SPB 7:30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Sleet	
Amounts of precipitation			T	.01	T			T	T	T	T	T	T	T	T	T	T	T	T	T°	T°	T°	T°	T°
Cloudiness and other conditions												Cloudy												

Sunrise: Time, 6:51 Character, Cloudy

Moonrise: 9:03 p Cloudy

Sunset: Time, 4:13 Character, Cloudy

Moonset: 10:54 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	18	16	16	17	18	20	18	18	20	20	22	20	25	27	24	26	23	24	23	22	22	18	19
Maximum velocities (exceeding 29 miles) direction and time														33 SW 1:45	30 SW 2:05		32 SW 4:32							

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	21	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T° inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01° inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 490

Average hourly velocity, 20.4 Extreme velocity, 38

Maximum velocity, 33 Direction, SW

Time began, 1:45 p.m.

Reduced barometer, 29.37 7 a. m. 29.63 7 p. m.

River gage, 4.0 feet

Relative humidity, 79 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

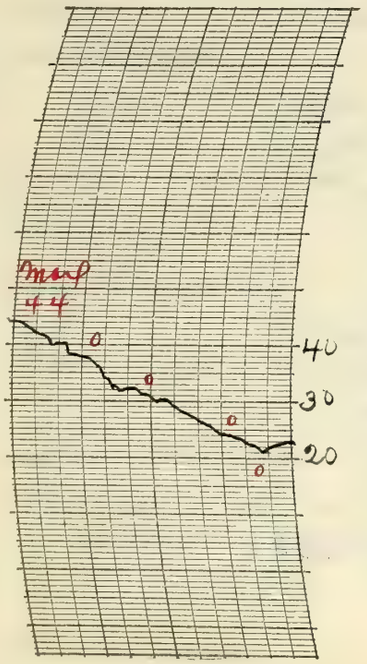
Dry temperature, 31.0 Wet temperature, 28.8

Dew-point, 25 R. humidity, 77 V. pressure, 1.30

Clouds: Amount, 10; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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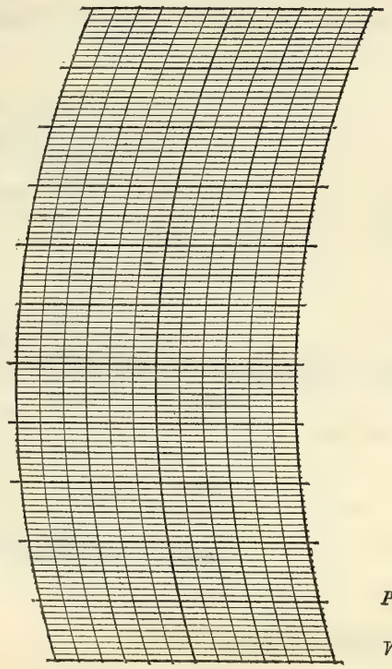
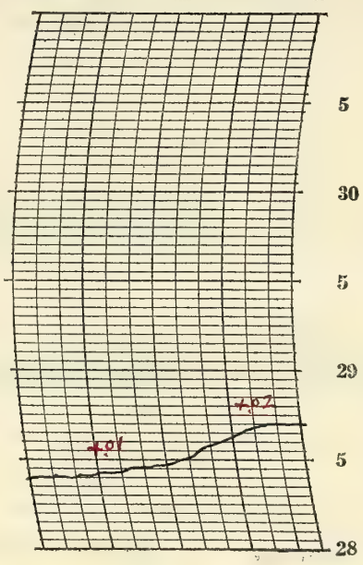


BAROGRAPH.



Prepared by O.E.P.

Verified by P. McDonough

8—486

NOTES ° Estimated

A light shower fell during the early morning hours. Snow flurries began about 7:30 a.m. and continued the rest of the day. The total snowfall was only a trace.

The temperature was rather high in the early morning. It was falling at midnight a.m. and continued falling the entire 24 hours at the rate of approximately one degree per hour. Strong winds from the southwest made the weather rather unpleasant especially during the afternoon and night.

Automatic rain gage not in use after 7:00 P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 6 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	24	24	24	24	26	26	27	26	25	25	25	25	26	26	27	28	27	24	23	24	24
State of weather: Nature of precipitation and time of beginning and ending	Sl cont'd																SdE 5:00			SmB 7:05				SmE PN
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—	—
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 6:52 Character, Cloudy

Moonrise: 10:01p Cloudy

Sunset: Time, 4:13 Character, Cloudy

Moonset: 11:29a Cloudy

Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	19	16	12	14	15	15	17	18	19	20	16	16	16	17	13	13	19	14	14	14	16	15	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	23	26	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow, sleet, and hail on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 383

Average hourly velocity, 16.0 Extreme velocity, 27

Maximum velocity, 24 Direction, SW

Time began, 12:56 am

Reduced barometer, 29.727 a. m. 29.78 7 p. m.

River gage, 5.9 feet

Relative humidity, 85 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

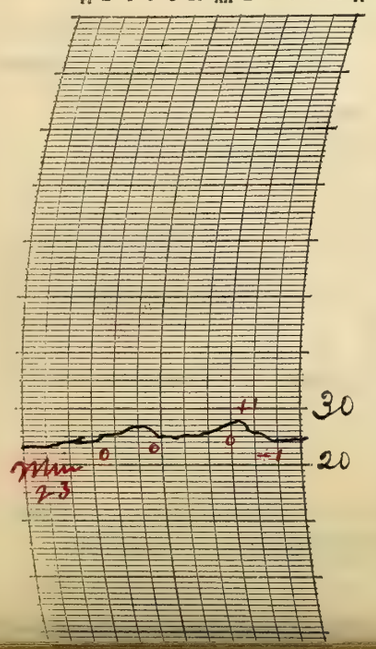
Dry temperature, 25.0 Wet temperature, 24.0

Dew-point, 22 R. humidity, 87 V. pressure, .113

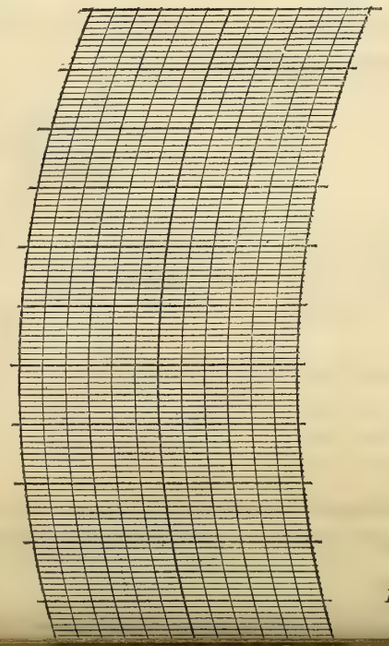
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

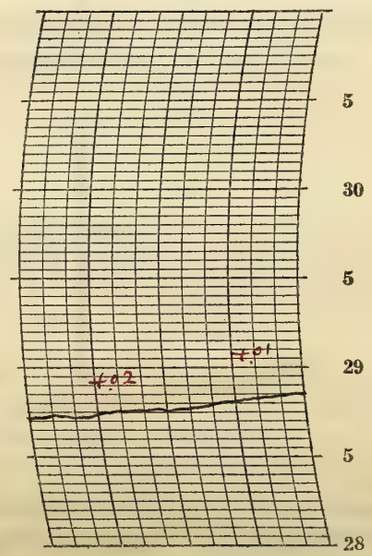
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.P.

P. McDonnell

NOTES & Estimated

Snowfall to 7:00 am 0.1 inch.
Snow flurries continued the greater part of the day. The snow was packed into ice on some of the streets making them quite slippery.
The day was cold and windy.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 7 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	26	26	26	25	24	24	23	26	28	31	34	38	39	38	38	37	37	38	39	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0.8	0.8	1.0	1.0	1.0	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	15	15	14	14	13	16	13	14	14	13	14	12	13	14	12	8	7	7	8	8	5	5	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudiness: Clear — Clear — Hdy — Cloudy

Sunrise: Time, 6:53; Character, Clear

Moonrise: 10:59p; Cloudy

Sunset: Time, 4:13; Character, Cloudy

Moonset: 12:00 noon; Cloudy

Sunshine values: 12, 1.0, 0.5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	23	31	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 6.4 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 69

Prevailing wind direction, SW Total wind, 261

Average hourly velocity, 10.9 Extreme velocity, 19

Maximum velocity, 19 Direction, SW

Time began, 5:35 am

Reduced barometer, 29.91 7 a. m. 30.11 7 p. m.

River gage, 5.1 feet

Relative humidity, 84 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

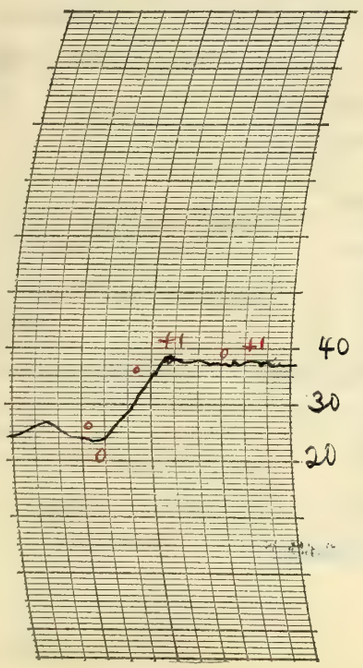
Dry temperature, 33.7 Wet temperature, 28.0

Dew-point, 17 R. humidity, 46 V. pressure, .089

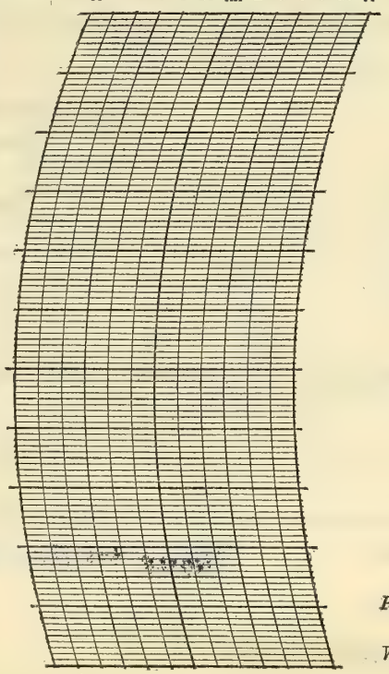
Clouds: Amount, 2; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

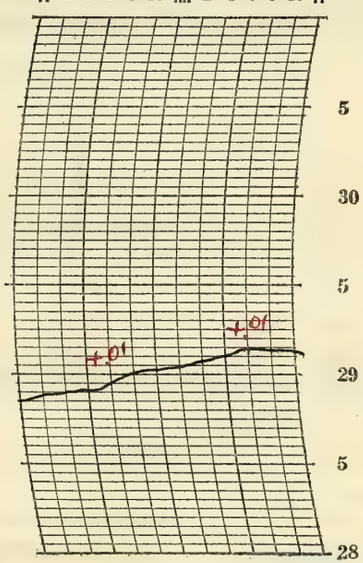
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Snowfall to 7:00 am 0.1 inch.
Snow on ground at 7:00 am 0.6 inch.
The sky was mostly clear until about the middle of the afternoon when it became partly cloudy. The cloudiness continued to increase and it became entirely overcast at night.
The temperature increased from early morning until 1:00 p.m. and then remained practically stationary post midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 8 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	36	34	36	35	36	35	37	36	38	37	38	37	34	34	34	35	35	35	36	37	37	37
State of weather: Nature of precipitation and time of beginning and ending								SPB 7:05 SPE 7:35								RB 3:10		RE 600						
Amounts of precipitation								T								T	T	T						
Cloudiness and other conditions											Cloudy													
Sunrise: Time 6:54, Character Cloudy																					Sunset: Time 4:13, Character Cloudy			
Moonrise: 11:58p Cloudy																					Moonset: 12:28p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.3	0.2	0	0	0	0							
Wind direction	W	W	S	NE	S	SW	W	SW	W	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	3	1	4	3	4	4	5	6	8	11	13	16	17	20	19	20	17	16	14	12	12	12	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

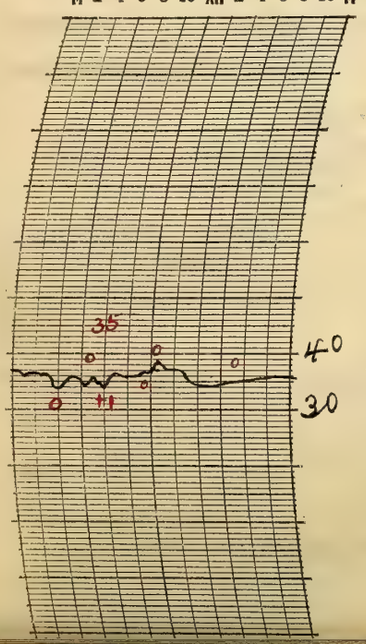
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	34	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Last Quarter 6:11 a.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 29
Maximum velocity, 27 Direction, W
Time began, 1:53 p.m
Reduced barometer 30.00 7 a.m. 29.94 7 p.m.
River gage, 4.7 feet
Relative humidity, 82 7 a.m. 86 7 p.m.

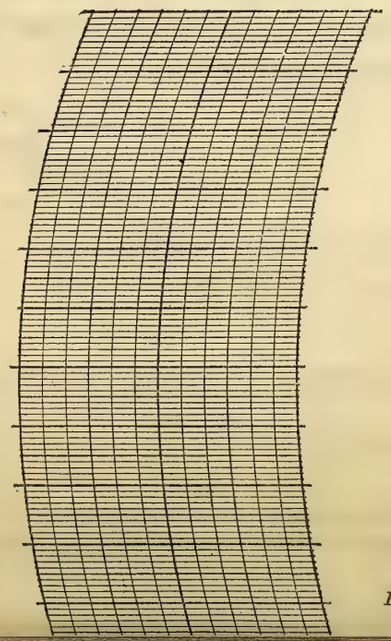
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 37.4 Wet temperature, 31.1
Dew-point, 21 R. humidity, 47 V. pressure, .108
Clouds: Amount, 8; Kind, Stw; Direction, SW
Velocity of clouds (miles per hour)

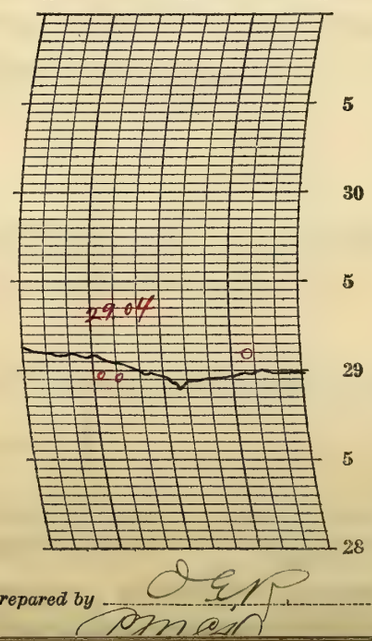
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by D. G. P. Omar

NOTES

Snow on ground at 7:00 am Trace
The sky was heavily over cast all day except for a while about noon when the clouds broke away for a short while. A light snow flurry occurred in the forenoon and a light drizzling rain in the afternoon and evening. The total precipitation was very small.
The temperature varied only a small amount and remained a few degrees above freezing all day.
The wind became strong from the west in the afternoon.

Form No. 1014—Met T

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 9 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	34	34	33	33	33	31	32	33	33	34	33	32	32	31	30	30	29	29	29	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy											Clear		
Sunrise: Time, 6:55 Character, Cloudy																					Sunset: Time, 4:13 Character, Cloudy			
Moonrise: —																					Moonset: 12:55 p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	NW	W	W	NW	W	W	W	W	NW	NW	W	W	NW	NW	W	W	W	NW	NW
Wind movement	13	12	10	13	12	9	9	10	10	15	17	15	14	14	17	14	14	13	14	9	8	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	✓

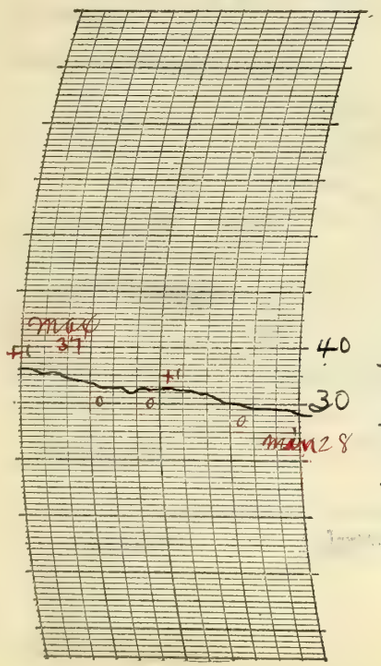
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 288
Average hourly velocity, 12.0 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 10:35 am.
Reduced barometer, 29.90 7 a. m. 29.93 7 p. m.
River gage, 4.0 feet
Relative humidity, 75 7 a. m. 60 7 p. m.

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.6 Wet temperature, 30.8
Dew-point, 28 R. humidity, 82 V. pressure, 150
Clouds: Amount, 10; Kind, St cu; Direction W
Velocity of clouds (miles per hour)

THERMOGRAPH



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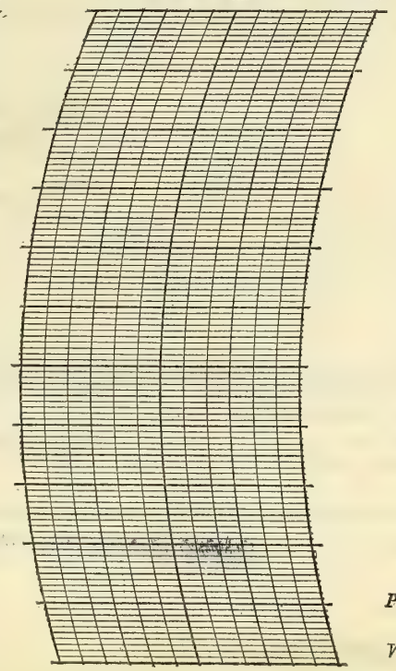
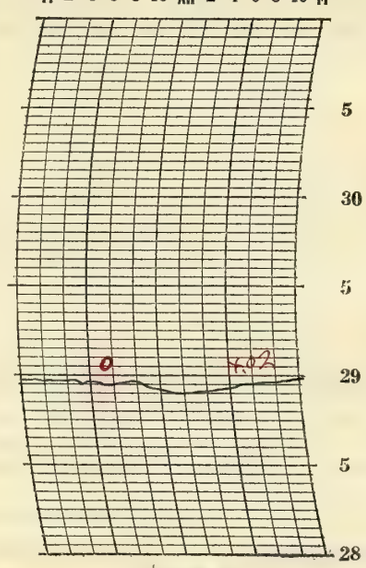


BAROGRAPH.



Prepared by F.N.

Verified by P. McDonough

8—486

NOTES.

The sky remained heavily clouded all day but cleared off in a short while about 7:30 p.m. Stars bright at night. The temperature range was not large.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 10 1925, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	24	23	22	23	22	25	29	29	33	33	33	35	33	32	32	31	30	29	28	28	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)							.08 0	1.0 0	.04 0 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.22 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S	S	S	S
Wind movement	7	8	7	7	7	7	6	6	9	10	9	9	9	10	8	8	5	5	4	6	7	8	8	9

Sunrise: Time, 6:55 Character, Clear
Moonrise: 11:00 a Clear

Sunset: Time, 4:13 Character, Clear
Moonset: 1:22 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

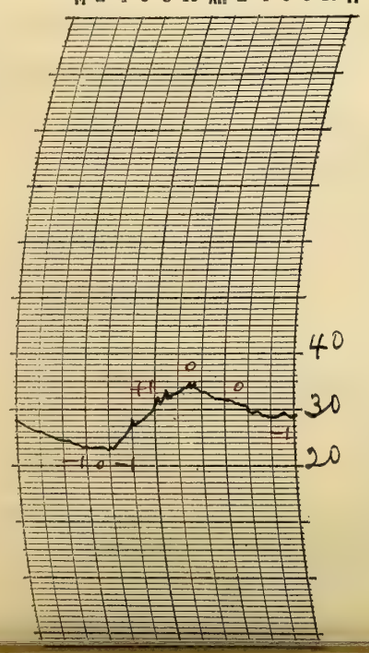
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 11:05 am
Reduced barometer, 30.01 7 a. m. 29.95 7 p. m.
River gage, 3.8 feet
Relative humidity, 83 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 32.7 Wet temperature, 26.7
Dew-point, 14 R. humidity, 42 V. pressure, .077
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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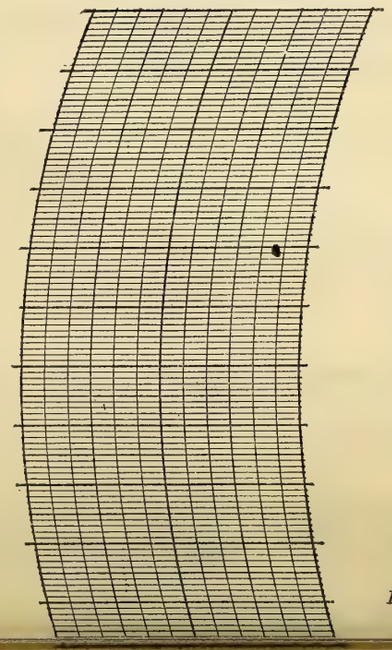
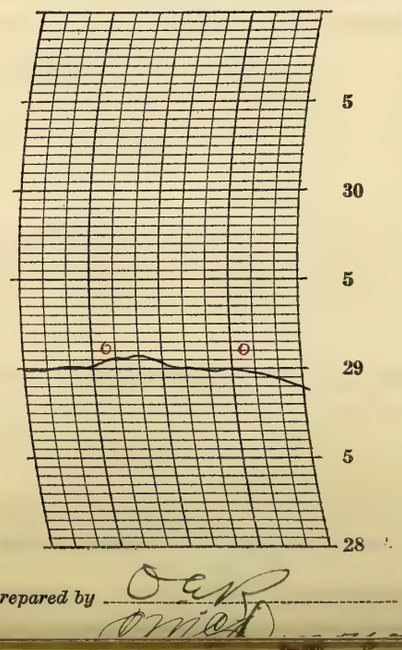


BAROGRAPH.



Prepared by O. E. R. Omer

NOTES

e By observation

The sky was cloudless except for a very small amount of clouds in the early morning. Stars bright at night.

The temperature rose from early morning but it remained rather cool all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 11 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	30	31	32	33	36	40	45	47	50	50	48	47	45	42	36	34	35	35	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:15		RE 8:00				
Amounts of precipitation																		T	T	T				
Cloudiness and other conditions									Clear						Cldy.	Clear				Cloudy				
Sunrise: Time, Character,	6:56 Clear																							
Moonrise:	2:02a Clear																							
Sunset: Time, Character,																					4:13 Cloudy			
Moonset:																					1:50p Cloudy			
Sunshine (in tenths of hours)							.07 0	1.0 0	0.4 0.6	1.0	1.0	1.0	0.8	0.2	0.2	0.4 0	0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	8	12	9	10	11	12	12	14	13	15	17	17	20	17	16	14	19	23	15	15	15	16	16	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

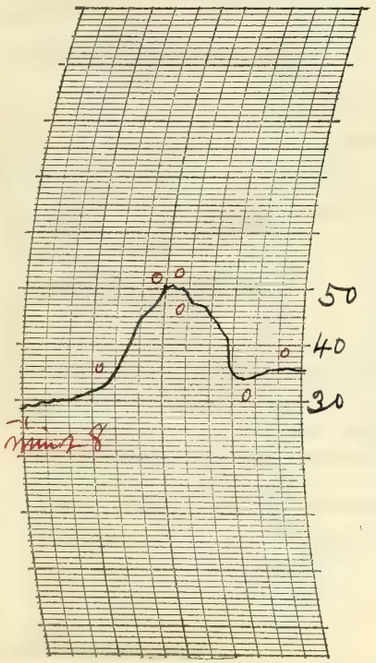
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	28	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 72
Prevailing wind direction, S-SW-W Total wind, 347
Average hourly velocity, 14.5 Extreme velocity, 31
Maximum velocity, 28 Direction, W
Time began, 5:25 p. m.
Reduced barometer, 29.63 7 a. m. 29.55 7 p. m.
River gage, 3.3 feet
Relative humidity, 90 7 a. m. 90 7 p. m.

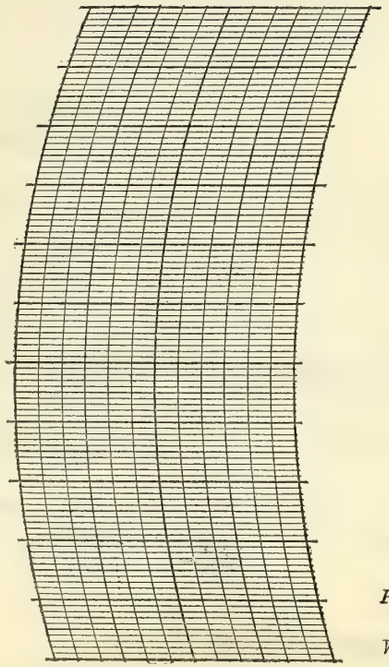
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 43.4
Dew-point, 36 R. humidity, 57 V. pressure, 211
Clouds: Amount, 2; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

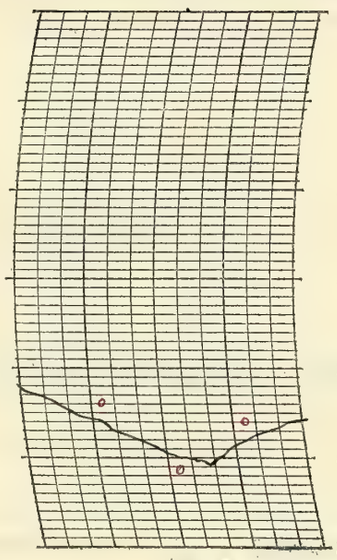
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. E. W.

Verified by P. M. O'Donnell

8—486

NOTES

The day as a whole was partly cloudy. There was considerable variation in the amount of clouds especially during the afternoon. A light misting rain occurred in the evening. The temperature rose rapidly till about noon and then fell rapidly in the afternoon. Strong winds from the southwest and west.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 12 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	33	35	36	38	43	45	49	48	47	45	43	41	40	38	34	31	30	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy								Clear			Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	13	13	12	10	11	10	12	15	18	16	18	19	22	18	16	15	14	14	15	14	16	14	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:57; Character, Cloudy
Moonrise: 3:07a Cloudy
Sunset: Time, 4:13; Character, Cloudy
Moonset: 2:22p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

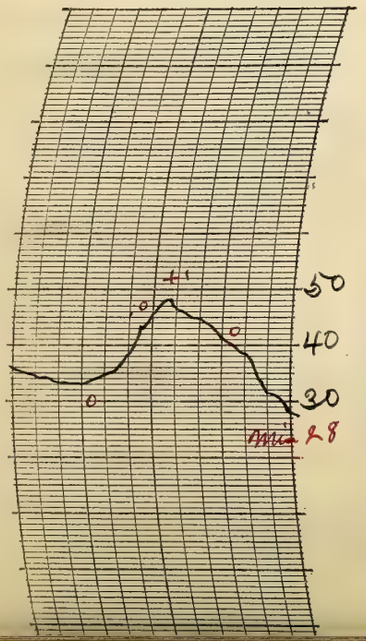
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 349
Average hourly velocity, 14.5 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 12:24 p.m.
Reduced barometer, 29.65 7 a. m. 29.68 7 p. m.
River gage, 2.9 feet
Relative humidity, 95 7 a. m. 96 7 p. m.

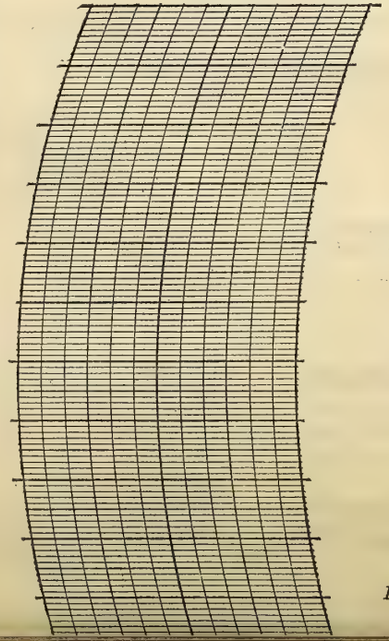
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.0 Wet temperature, 40.5
Dew-point, 35 R. humidity, 68 V. pressure, .203
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

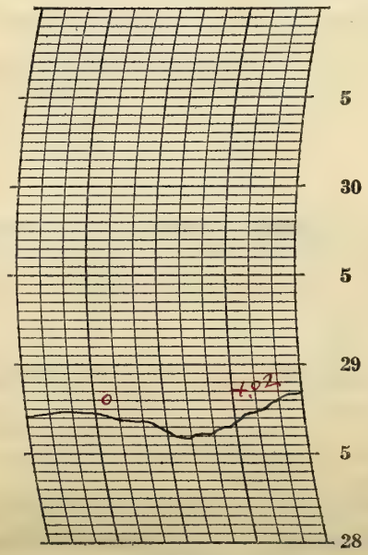
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. G.

NOTES

The sky was overcast all day. It cleared for a short while about 7:00 p.m. but was mostly overcast later at night.

The temperature was above the seasonal average. Strong wind from the southwest during the middle of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 13 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	26	25	24	24	25	26	28	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)							0.3 0	1.0 0	0.4 0	0.6	0.6	1.0
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	8	9	8	8	9	7	10	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	32	31	31	30	30	29	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt cloudy							Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	W	W	SW	W
Wind movement	10	9	9	7	7	7	7	7	8	8	6	7

Sunrise: Time, 6:58 Character, Clear

Moonrise: 4:15a Clear

Sunset: Time, 4:13 Character, Cloudy

Moonset: 2:57p Cloudy

State of weather. Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	23	28	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 62

Prevailing wind direction, W Total wind, 198

Average hourly velocity, 8.2 Extreme velocity, 15

Maximum velocity, 14 Direction, W

Time began, 12:22 p. m.

Reduced barometer, 29.95 7 a. m. 30.04 7 p. m.

River gage, 2.8 feet

Relative humidity, 81 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

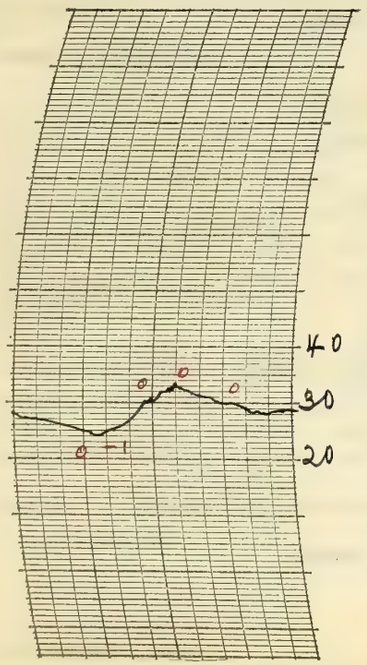
Dry temperature, 30.3 Wet temperature, 27.3

Dew-point, 22 R. humidity, 68 V. pressure, .113

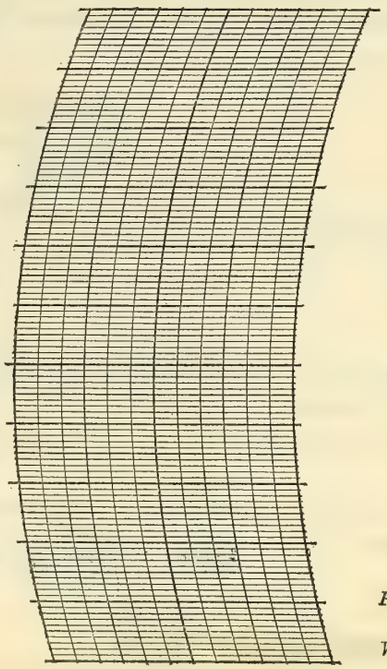
Clouds: Amount, 7; Kind, a St.; Direction, W

Velocity of clouds (miles per hour)

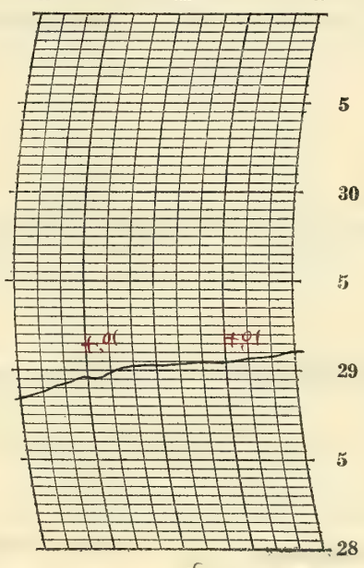
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R.

Verified by J. M. Kerrigan

8—486

NOTES

The clouds increased from early morning and the sky became overcast after nightfall.

The weather was colder than on the two preceding days.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 14 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	26	27	26	26	27	27	28	29	29	30	32	33	32	30	29	28	27	26	25	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy								Clear							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.2	1.0	1.0	0.5	0							
Wind direction	W	NW	NW	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	E	NE
Wind movement	8	6	5	6	7	9	7	8	9	9	10	8	9	9	12	9	8	6	5	5	7	6	7	9

Sunrise: Time, 6:58 Character, Cloudy
Moonrise: 5:25a Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 3:38p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

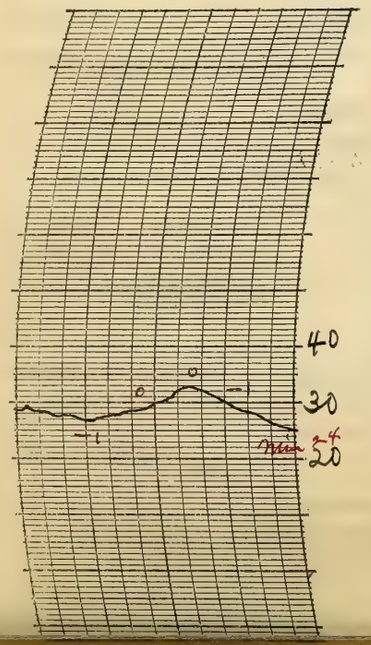
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	24	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 29
Prevailing wind direction, NE Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 2:58 p m.
Reduced barometer, 30.14 7 a. m. 30.23 7 p. m.
River gage, 2.7 feet
Relative humidity, 85 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.3 Wet temperature, 26.3
Dew-point, 21 R. humidity, 67 V. pressure, 108
Clouds: Amount, 8; Kind, St+Cu Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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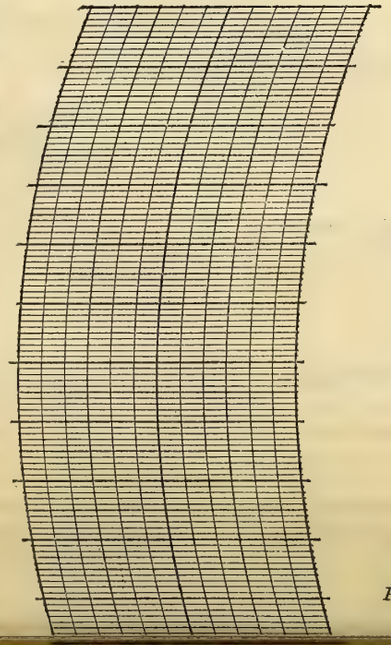
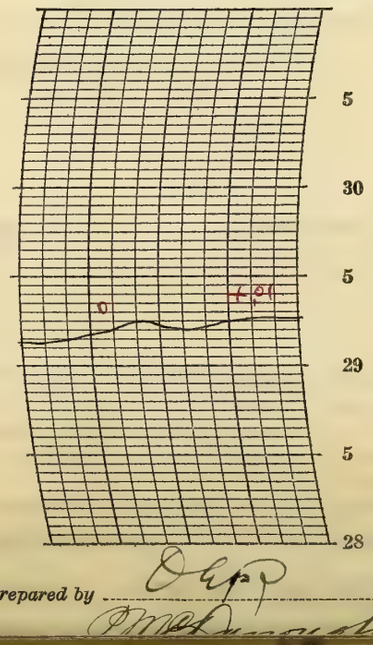


BAROGRAPH.



Prepared by O. G. P.
P. McDonough

NOTES

* By observation.

The sky was mostly cloudy during the forenoon. It cleared somewhat after the middle of the day and became entirely cloudless at night. Stars bright.

The temperature was about normal.

Form No. 1014—Mev'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 15 1925, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	23	23	24	24	26	28	29	29	30	30	30	29	28	28	28	27	27	27	27	26
State of weather: Nature of precipitation and time of beginning and ending																SP B 3:40	—	—	—	—	SP E ON			
Amounts of precipitation																—	—	—	—	—	—			
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 6:59; Character, Cloudy. Moonrise: 6:36 a Cloudy.

Sunset: Time, 4:14; Character, Cloudy. Moonset: 4:27 p Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	N	NE	NE	N	NW	NW
Wind movement	9	8	8	7	7	9	9	9	10	12	12	10	12	10	11	9	9	10	7	5	5	7	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	22	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, NEW—1:05 p.m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 16

Maximum velocity, 15 Direction, E

Time began, 9:55 a

Reduced barometer, 30.13 7 a. m. 29.96 7 p. m.

River gage, 2.5 feet

Relative humidity, 80 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

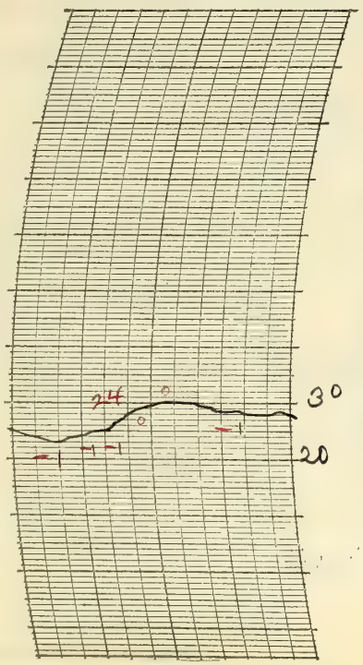
Dry temperature, 29.0 Wet temperature, 26.5

Dew-point, 22 R. humidity, 77 V. pressure, 11.3

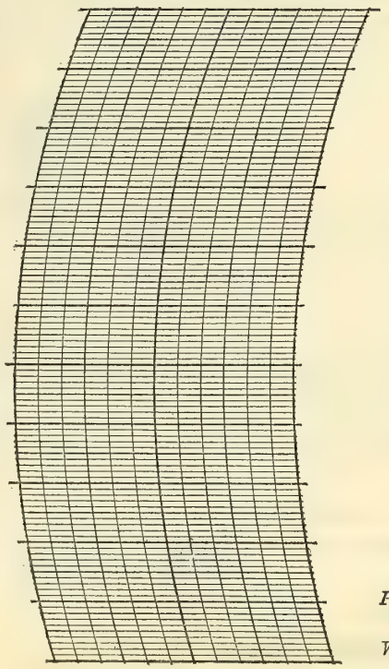
Clouds: Amount, 10; Kind, St cu; Direction, E

Velocity of clouds (miles per hour)

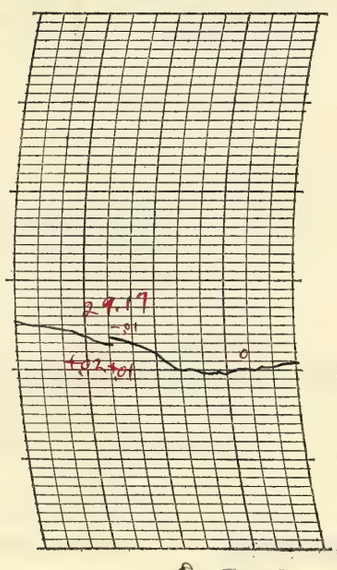
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R.

Verified by T. M. Donaugh

8—486

NOTES

It was cloudy all day with light snow during the late afternoon and evening.

The temperature remained below freezing all day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 16 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	27	27	28	29	30	30	28	28	28	28	27	25	24	24	23	24	24	23	22	21	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy											X Clear		
Sunrise: Time, Character	7:00 Cloudy																							
Moonrise:	7:44a Cloudy																							
Sunset: Time, Character																					4:14 Cloudy			
Moonset:																					5:25p Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	8	7	8	6	6	6	6	6	10	14	12	8	13	12	11	8	10	11	7	6	7	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

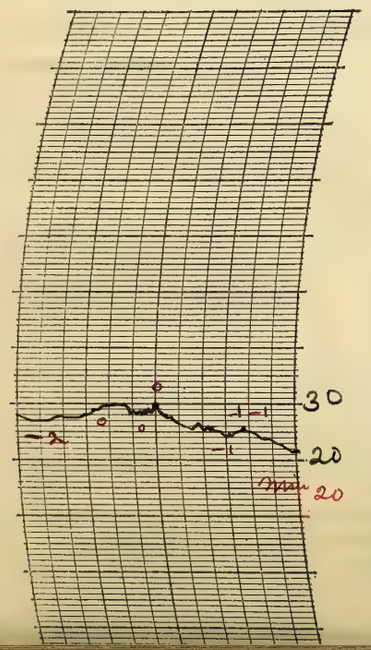
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	20	25 ½	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 202
Average hourly velocity, 8.4 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 9:55 a.m.
Reduced barometer, 30.05 7 a. m. 30.04 7 p. m.
River gage, 2.2 feet
Relative humidity, 78 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 26.2
Dew-point, 23 R. humidity, 79 V. pressure, 11.8
Clouds: Amount, 10; Kind, St cu Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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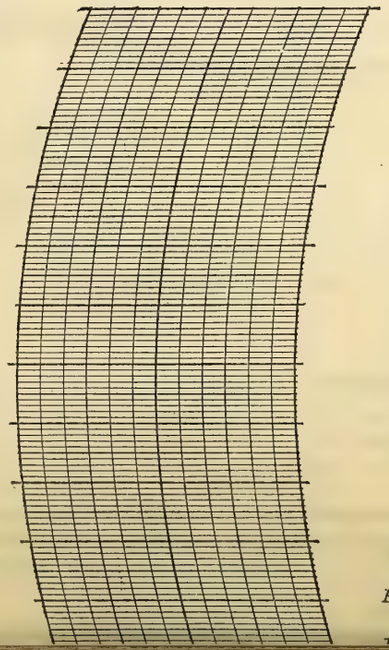
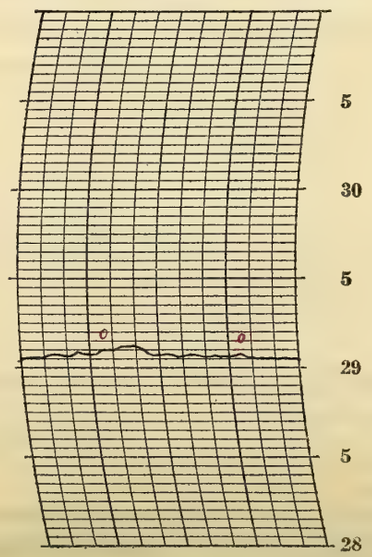


BAROGRAPH.



Prepared by OEP

Verified by P McDonough

NOTES

Snowfall to 7:00 am 0.1 inch.
The sky remained overcast all day but cleared late at night.

The temperature remained below freezing all day.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 17 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	20	20	21	21	22	22	23	23	24	24	25	25	25	24	22	21	19	17	16	16	15	17
State of weather: Nature of precipitation and time of beginning and ending						SPB AN	SPE 6:30	SPB 7:05	–	–	–	–	–	–	–	SPE 400								
Amounts of precipitation						–	–	–	–	–	–	–	–	–	–	–								
Cloudiness and other conditions											Cloudy							X			Clear			

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 8:46a Cloudy
Sunset: Time, 4:14 Character, Cloudy
Moonset: 6:31p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	W	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	9	8	8	7	6	6	7	8	9	9	12	12	13	12	13	14	16	12	12	12	9	10	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

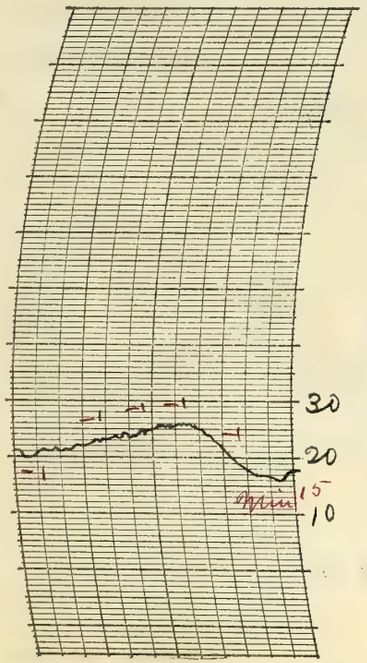
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	15	20	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 21
Maximum velocity, 18 Direction, W
Time began, 5:07 p.m.
Reduced barometer, 30.027 a. m. 30.012 p. m.
River gage, 2.1 feet
Relative humidity, 76 7 a. m. 70 7 p. m.

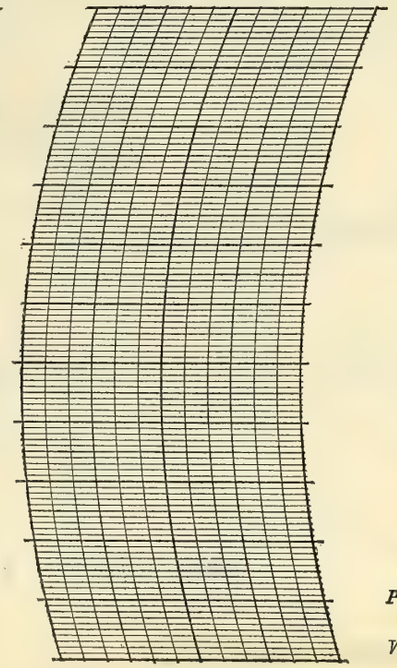
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 22.5
Dew-point, 19 R. humidity, 81 V. pressure, .098
Clouds: Amount, 10; Kind, N.b.; Direction, W
Velocity of clouds (miles per hour)

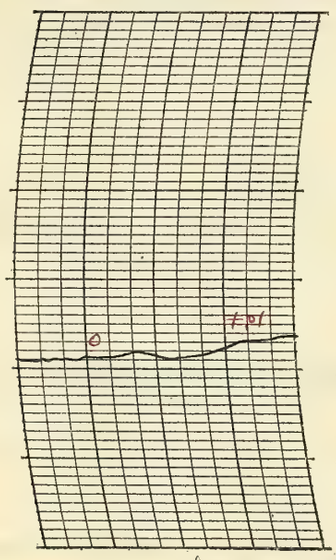
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O. E. R.

Verified by P. M. O'Donnaghe

8—486

NOTES

Snowfall to 7:00 am Trace. The sky was cloudy all day with light snow flurries most of the time. The total amount of snowfall was very small and only a very little collected on the ground. The snow ended about 4:00 p.m. and the sky cleared after nightfall.

The day was rather cold especially in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 18 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	16	15	14	14	13	12	13	13	15	18	20	24	26	27	26	25	24	24	23	23	25	25	25
State of weather: Nature of precipitation and time of beginning and ending							SN B 6:35	—	—	SN E 10:00														
Amounts of precipitation							—	—	—	—														
Cloudiness and other conditions			<	Clear			X	Cldy	X	Cldy	X				Clear								>	

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 9:40 a Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 7:44 p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0.8	1.0	1.0	1.0	0.4 0.6	1.0 0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	13	11	13	11	8	11	11	13	12	13	11	11	10	11	12	11	11	12	12	16	16	14

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

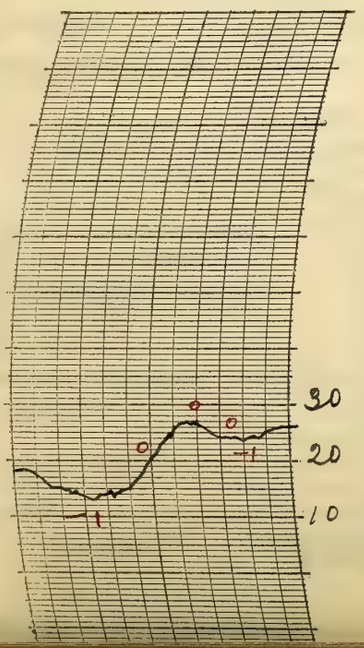
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	12	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 290
Average hourly velocity, 12.1 Extreme velocity, 22
Maximum velocity, 18 Direction, W
Time began, 12:47 am
Reduced barometer, 30.19 7 a. m. 30.06 7 p. m.
River gage, 1.2 feet
Relative humidity, 84 7 a. m. 68 7 p. m.

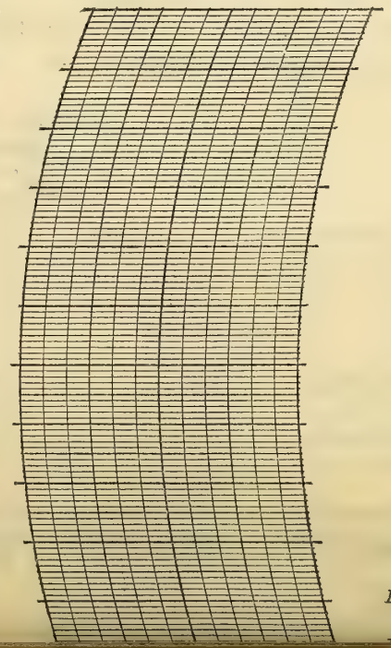
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.0 Wet temperature, 17.8
Dew-point, 12 R. humidity, 68 V. pressure, 0.70
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

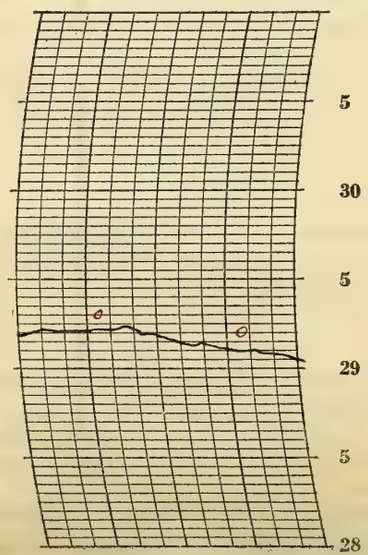
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.E.R.
P.M.

NOTES

Snowfall to 7 am T. Sod
The sky was clear till 6:25 am. It became cloudy in a very few minutes and snow began falling. The snow continued till about 10:00 am. The sky cleared entirely before noon and was cloudless the greater part of the afternoon and night. New moon visible. Stars brilliant.
The lowest temperature of the season to date (11.6°) was recorded in the early morning. The temperature rose steadily during the forenoon and remained about stationary into the night.

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 19 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	27	28	28	27	27	29	32	36	37	40	42	44	40	39	38	38	37	36	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←			Clear			X	Cldy	X				Cloudy								→	
Sunshine (in tenths of hours)								0.6 0	0.5 0	0	0	0	0	0.4	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	13	13	15	15	14	12	9	10	14	13	10	8	7	10	9	9	6	5	5	8	8	6	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 10:26a Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 8:53p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

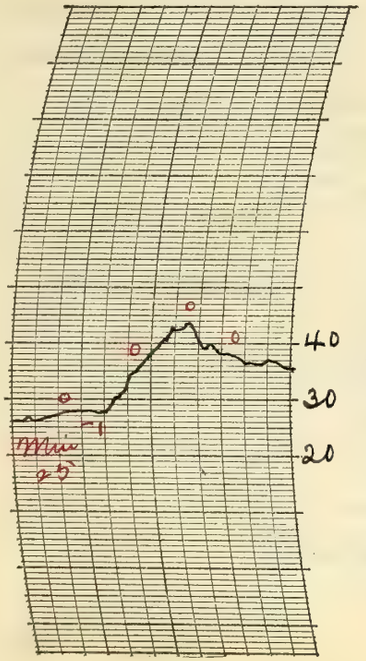
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 1.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 16
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 2:30 am.
Reduced barometer, 29.92 7 a. m. 29.76 7 p. m.
River gage, 1.8 feet
Relative humidity, 76 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 32.7
Dew-point, 26 R. humidity, 62 V. pressure, .136
Clouds: Amount, 9; Kind, a St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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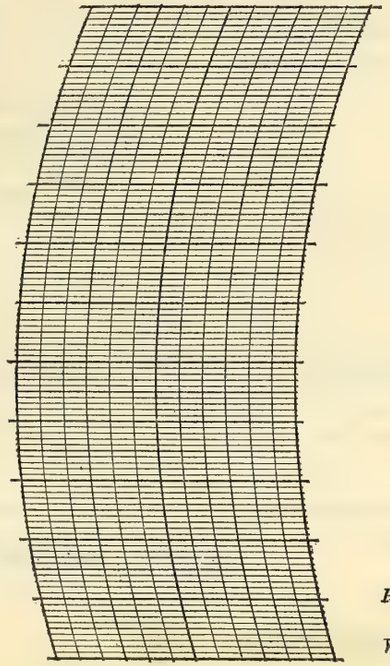
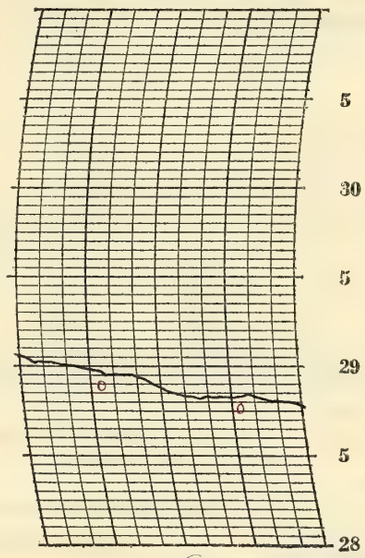


BAROGRAPH.



Prepared by O.E.D.
Verified by P. M. Dunnigan

8—486

NOTES

The upper clouds increased from early morning. It became overcast before noon and remained cloudy all afternoon and into the night.

The temperature was above normal and the weather was quite pleasant for the time of the year.

Solar halo, 22° radius, observed 9:00 am to 10:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 20 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	35	34	33	33	33	34	36	39	38	39	40	41	40	37	37	37	37	37	37	37	36
State of weather: Nature of precipitation and time of beginning and ending												SMB 11:20 SME 11:35			SMB 2:05 SME 2:20									
Amounts of precipitation												T			T									
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0	0.1	0	0	0	0							
Wind direction	SE	S	S	S	N	N	N	NE	NE	SE	S	E	E	E	S	S	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	5	6	5	3	1	2	4	3	3	3	2	3	4	3	5	7	8	11	11	6	5	6	4	4

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 11:06a Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 10:05p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

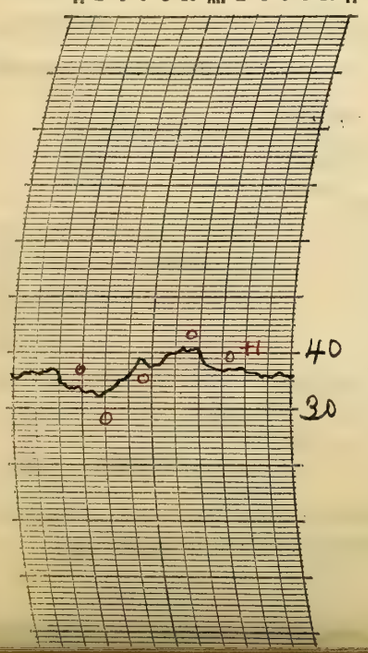
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind, 114
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 5:03 p. m.
Reduced barometer 29.72 7 a. m. 29.767 p. m.
River gage, 2.2 feet
Relative humidity, 75 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 35.0
Dew-point, 31 R. humidity, 75 V. pressure, .172
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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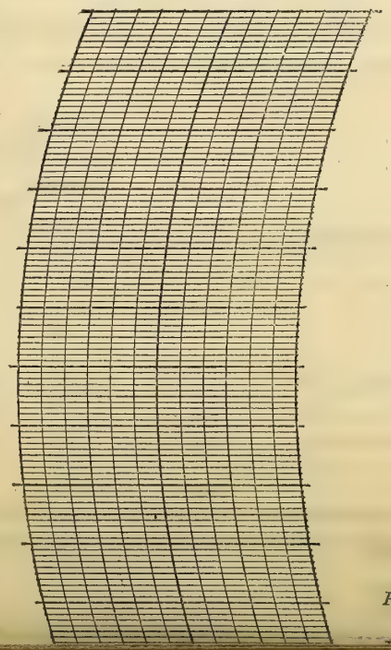
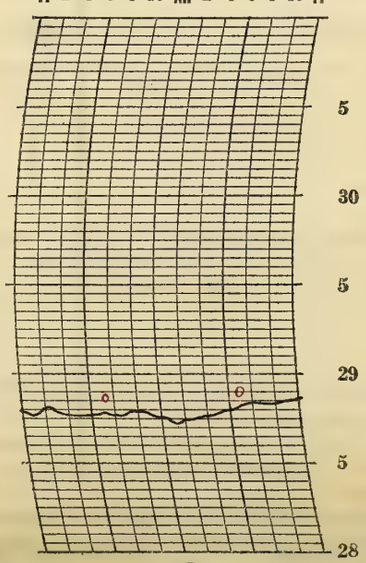


BAROGRAPH.



Prepared by O E P
P M C Duncan

NOTES

The sky was overcast all day with light snow flurries in the forenoon and afternoon. The total snowfall was very light. It continued cloudy into the night although the moon was visible at times through rifts in the clouds.

The temperatures were moderate.

FORM NO. 1012—MCC 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 21 1925, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	33	32	32	32	32	32	32	33	33	33	32	32	31	30	30	30	30	29	29	28	28	27
State of weather: Nature of precipitation and time of beginning and ending					SMB DN													SME 510						
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	N	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	3	4	4	3	3	5	4	6	7	7	6	8	7	7	9	8	8	5	7	6	6	6	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 11:41a Cloudy
Sunset: Time, 4:16 Character, Cloudy
Moonset: 11:15p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

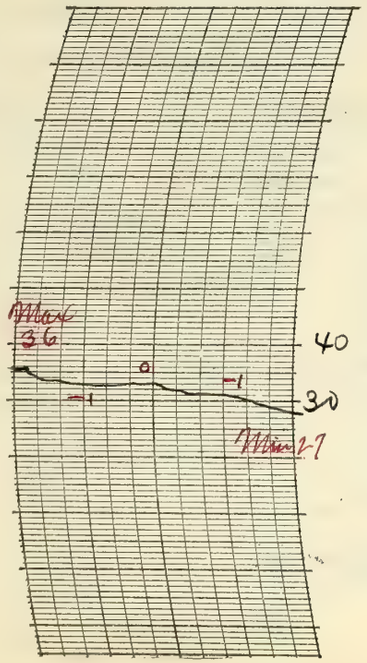
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	27	32	

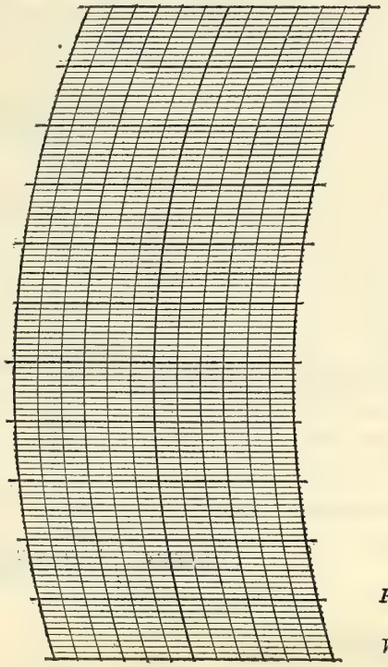
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 3:50 p. m.
Reduced barometer, 29.87 7 a. m. 29.97 7 p. m.
River gage, 2.1 feet
Relative humidity, 90 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 32.8 Wet temperature, 32.4
Dew-point, 32 R. humidity, 96 V. pressure, .180
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

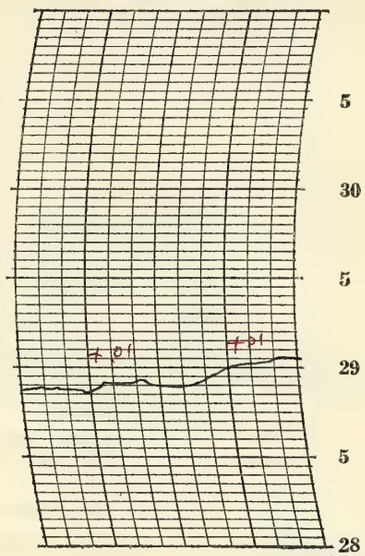
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.R.K.

Verified by C. M. McDonough

8—486

NOTES

Snowfall to 7:10 am Trace. Melted as it fell. Light snow continued from early morning till evening. The sky remained overcast into the night. Practically all the snow melted on the down town streets but it collected to a depth of about half an inch in places outside of the business districts. The streets were wet in most places and towards evening ice formed in places.

The temperature changed only slightly during the 24 hours although it fell from a few degrees above freezing to a few degrees below freezing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 22 1925, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	27	26	26	26	25	25	25	26	26	26	26	26	25	24	23	22	21	20	20	18	18
State of weather: Nature of precipitation and time of beginning and ending				Sm B DN							Sm E 10:15				Sd B 2:15 Sd E 2:45		Sd B 4:20						Sd cont'd	
Amounts of precipitation				—	—	—	—	—	—	—	—				—		—	—	—	—	—	—	—	—
Cloudiness and other conditions																								

Cloudy

Sunrise: Time, 7:03 Character, Cloudy

Moonrise: 12:17p Cloudy

Sunset: Time, 4:16 Character, Cloudy

Moonset: — —

Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	4	3	3	2	3	4	6	7	7	7	9	8	10	12	10	11	10	11	12	13	11	13	16	15
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

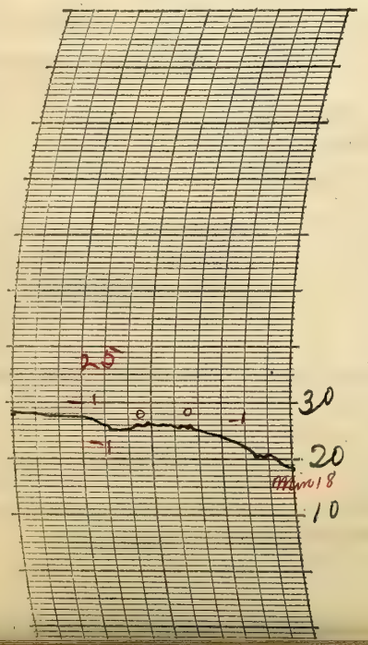
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	18	22	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.6 inches.
Character of day, Cloudy Moon phase, First Quarter 5:08 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 207
Average hourly velocity, 8.6 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 9:57 p.m.
Reduced barometer, 30.027 a. m. 30.119 7 p. m.
River gage, 21 feet
Relative humidity, 94 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 26.0 Wet temperature, 25.0
Dew-point, 23 R. humidity, 88 V. pressure, .118
Clouds: Amount, 10; Kind, St cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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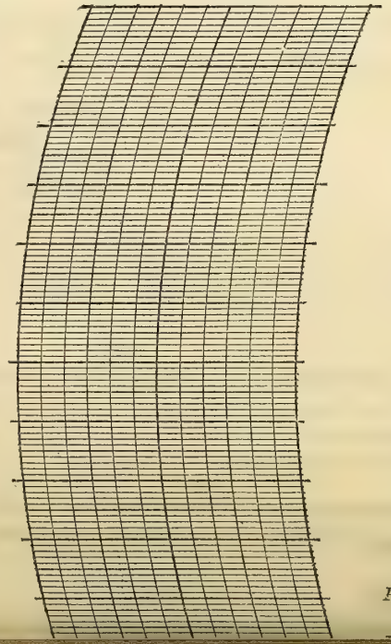
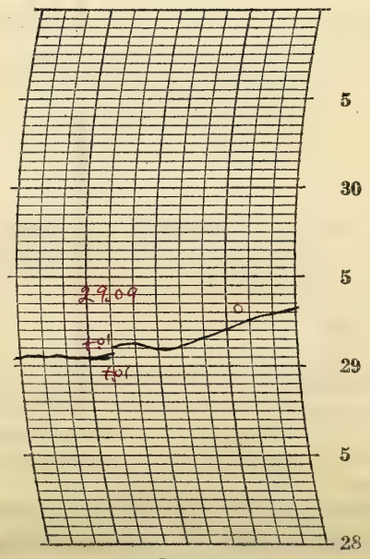


BAROGRAPH.



Prepared by O.E.P. A McDonough

NOTES

Winter solstice (winter commences) 2:37 a. m.

Snowfall to 7:00 am 0.4 inches. Amounts before and after midnight estimated.

Light snow fell the greater part of the day and night. The packed snow made the streets and sidewalks icy in most places.

The weather was cold and unpleasant.

Form No. 1012—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 23 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	17	16	15	15	14	16	17	17	19	19	20	21	21	21	22	22	25	27	29	30	31
State of weather: Nature of precipitation and time of beginning and ending	Sd Cont'd											Sd E 11:20						Sd B 5:30		Sd E 8:00				
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—						—	—	—				
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 12:46p Cloudy
Sunset: Time, 4:17 Character, Cloudy
Moonset: 12:23a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	12	11	11	11	11	10	15	15	17	19	19	18	19	21	20	22	20	20	21	27	27	21	16
Maximum velocities (exceeding 29 miles) direction and time																					32 SW 8:12	30 SW 9:12		

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	14	22	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 418
Average hourly velocity, 17.4 Extreme velocity, 35
Maximum velocity, 32 Direction, SW
Time began, 8:12 p.m.
Reduced barometer, 30.36 7 a. m. 30.00 7 p. m.
River gage, 1.9 feet
Relative humidity, 93 7 a. m. 80 7 p. m.

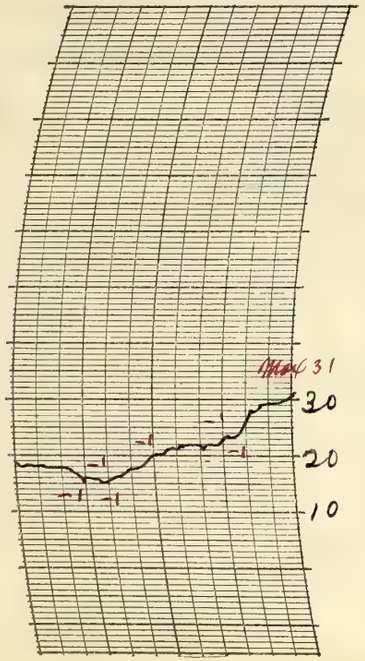
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 18.7 Wet temperature, 17.5
Dew-point, 15 R. humidity, 82 V. pressure, .081
Clouds: Amount, 8 a cu; Kind, Stcu; Direction, NW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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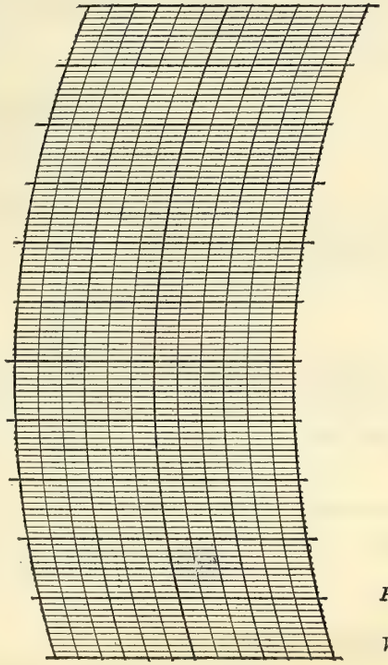

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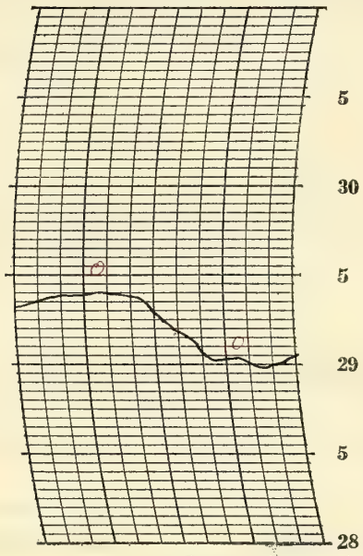


Prepared by O. E. P.

Verified by P. McDonough

8—486

NOTES

* Amounts before and after midnight estimated.

Light snow fell during most of the forenoon and also in the evening.

The temperature was rather low in the early morning but rose all during the day and continued rising post midnight. The wind became strong from the south and southwest during the afternoon and night.

Snowfall to 7 a.m. 0.1 inch.

Streets and sidewalks covered with packed snow and ice in most places.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 24 1925, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	31	28	26	25	25	25	25	28	29	29	31	33	34	35	34	34	34	32	32	33	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								Lt smoke																
Cloudiness and other conditions						L							Cloudy								>			
Sunshine (in tenths of hours)								0	0	0	0.2	0	0.1	0	0	0	0							
Wind direction	SW	W	W	NW	NW	NW	W	W	SW	SW	S	S	S	SW	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	15	15	16	17	9	6	4	3	4	3	5	9	9	8	6	8	9	8	6	10	10	10	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 1:10p Cloudy

Sunset: Time, 4:18 Character, Cloudy
Moonset: 1:28a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

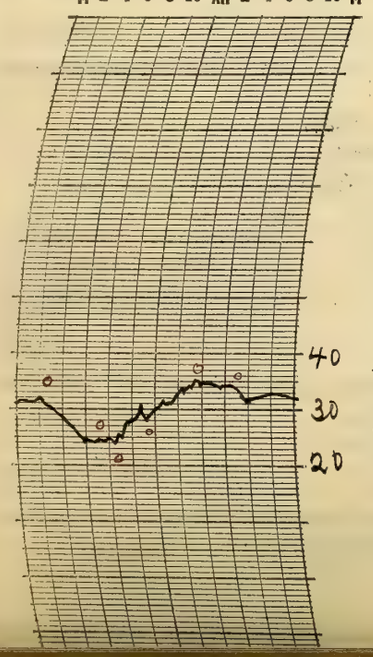
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.3 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 3
Prevailing wind direction, S Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 26
Maximum velocity, 26 Direction, W
Time began, 50 am
Reduced barometer, 30.22 7 a. m. 29.97 7 p. m.
River gage, 1.2 feet
Relative humidity, 81 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.7 Wet temperature, 26.2
Dew-point, 22 R. humidity, 72 V. pressure, 1.13
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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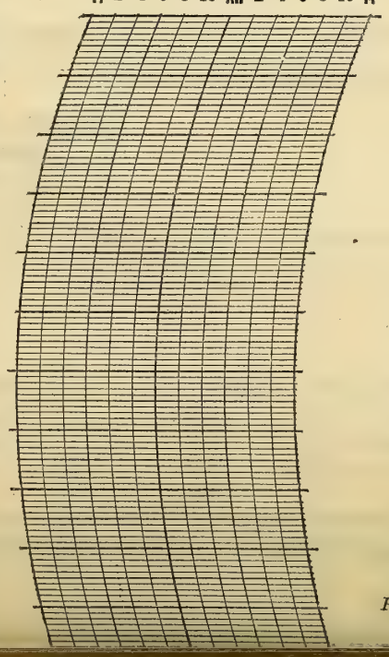

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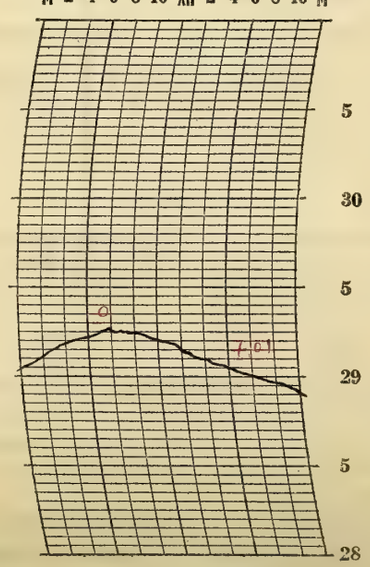


Prepared by O.E.R.
P.M. O'Donnell

NOTES

Snowfall to 7:00 am 0.1 inch.
Cloudy day with moderate temperature.
There was light smoke from 8 am to 11 am.
Lunar corona observed from 5:00 pm to 5:30 pm, and at intervals afterward. Brighter, Colored.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 25 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	31	27	26	26	25	25	25	24	25	25
Nature of precipitation and time of beginning and ending				Sm 3 B.N		SME 515		SM B 740				SME 1110 Sm B 1150
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	7:05 Cloudy											
Moonrise:	1:41p Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	10	9	9	12	10	11	11	8	9	9	8	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	19	17	15	12	10	9	9	9	8	8	7
Nature of precipitation and time of beginning and ending		SME 115										
Amounts of precipitation												
Cloudiness and other conditions	Partly Cloudy					Clear		Cloudy				
Sunset: Time, Character									4:18 Cloudy			
Moonset:									2:33a Cloudy			
Sunshine (in tenths of hours)	0	0.6	0.3	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	W
Wind movement	19	18	19	19	16	13	13	13	10	10	9	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

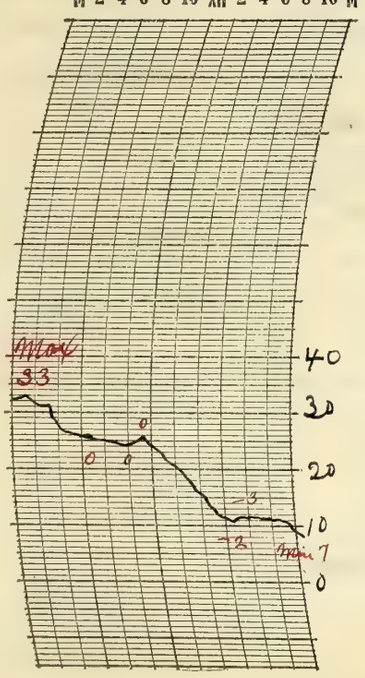
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	7	20	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m. 0.8 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.8 inches.
Character of day Cloudy, Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 11
Prevailing wind direction, W Total wind, 290
Average hourly velocity, 12.1 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began 12:52 pm
Reduced barometer, 29.74 7 a. m. 30.06 7 p. m.
River gage, 1.8 feet
Relative humidity, 75 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.4 Wet temperature, 22.9
Dew-point, 17 R. humidity, 69 V. pressure, .089
Clouds: Amount, 10; Kind, Strat.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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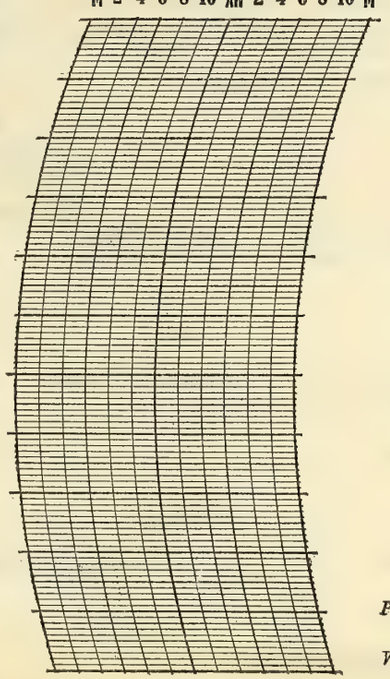

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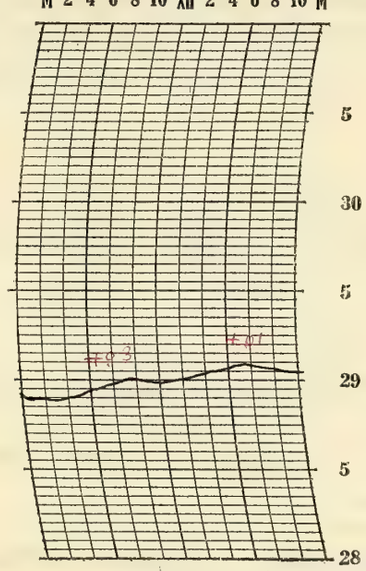


Prepared by P. McDonough

Verified by P. McDonough

8—486

NOTES

Snow on ground at 7 am 1.3 inches the snow for the 12 hours ending 7 am was 0.8 inch.

The temperature fell rapidly during afternoon and reached 9° at the p.m. obs. The sky was clear at the pm observation but clouds formed rapidly soon thereafter.

A technical cold wave occurred from 7:00 p.m. of the 24th to 7:00 p.m. of the 25th, the temperature falling 25° within 24 hours.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 26 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	5	6	6	6	6	6	7	8	10	10	12	11	10	8	5	4	3	1	0	-1	0	-1
State of weather: Nature of precipitation and time of beginning and ending																		SDB 575		SRE 730				
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy							Clear							Cloudy						
Sunshine (in tenths of hours)								0	0	0.6	0.9	1.0	1.0	1.0	0.3	0	0							
Wind direction	SW	SW	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	10	11	12	10	10	10	12	15	17	17	18	15	17	18	20	18	19	20	17	17	18	19	18
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 2:13p Clear
Sunset: Time, 4:19 Character, Cloudy
Moonset: 3:37a Cloudy

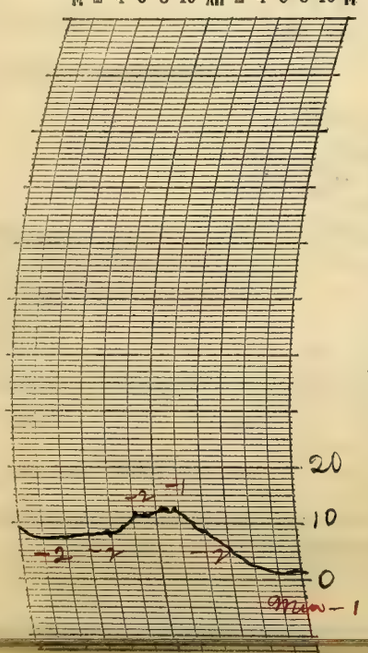
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	-1	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m. 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 4.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 52
Prevailing wind direction, W Total wind, 368
Average hourly velocity, 15.3 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 6:07 p.m.
Reduced barometer, 29.98 7 a. m. 30.05 7 p. m.
River gage, 1.6 feet
Relative humidity, 80 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 10.2 Wet temperature, 9.0
Dew-point, 4 R. humidity, 74 V. pressure, .047
Clouds: Amount, 3; Kind, St-Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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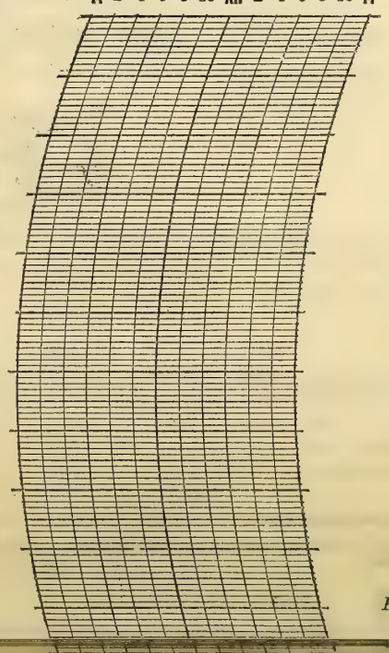
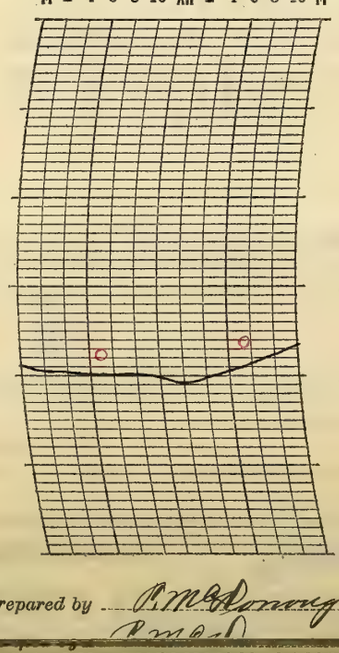


BAROGRAPH.



Prepared by P. McDonough

NOTES

Variable cloudiness and intensely cold weather, Some light snow in the early night. Decidedly unpleasant.

A technical cold wave occurred from 7:00 am of 25th to about 2:00 am of 26th, the temperature falling 20° within less than 24 hours.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 27 1925, 192

Time (local standard) 90° mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-2	-2	-4	ø -4	ø -5	-5	ø -5	ø -4	ø -2	ø 2	ø 5
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)								.92 0	1.0 0	.02 0.8	1.0	1.0
Wind direction	W	W	W	W	W	SW	W	W	W	W	W	W
Wind movement	16	15	10	11	9	8	9	11	13	15	14	17

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	6	5	2	1	0	0	0	-1	-2	-1	-1
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									X	Pt cldy		
Sunshine (in tenths of hours)	1.0	1.0	.06 0.4	1.0 0	.32 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	17	19	16	17	14	15	13	13	13	13	12

State of weather.

Sunrise: Time, 7:05 Character, Clear

Moonrise: 2:49p Clear

Sunset: Time, 4:19 Character, Clear

Moonset: 4:38a Clear (?)

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
8	-5	2	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 1.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2 ✓

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 328

Average hourly velocity, 13.7 Extreme velocity, 26

Maximum velocity, 24 Direction, W

Time began, 2:51 p.m.

Reduced barometer, 30.327 a. m. 30.551 7 p. m.

River gage, 1.4 feet

Relative humidity, 83 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

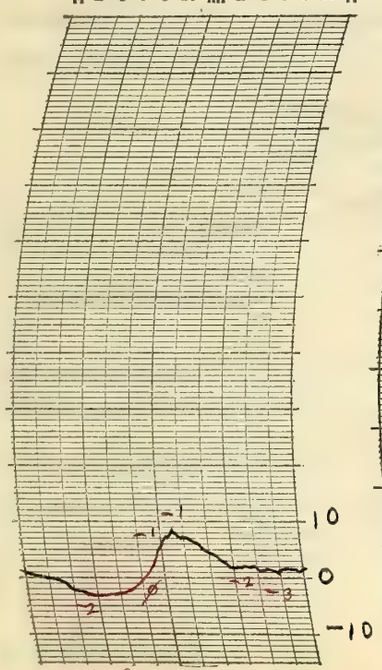
Dry temperature, 5.0 Wet temperature, 3.6

Dew-point, -4 R. humidity, 64 V. pressure, .031

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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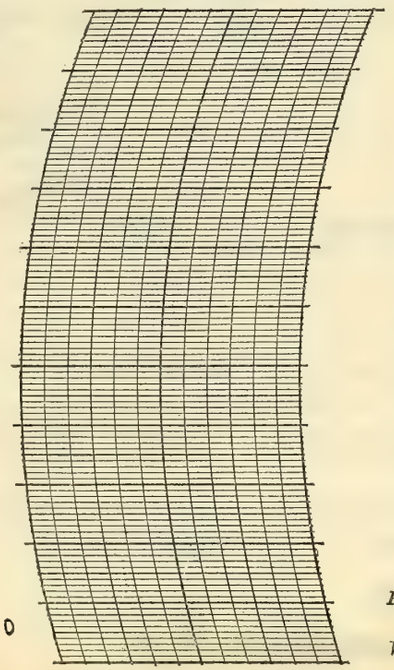
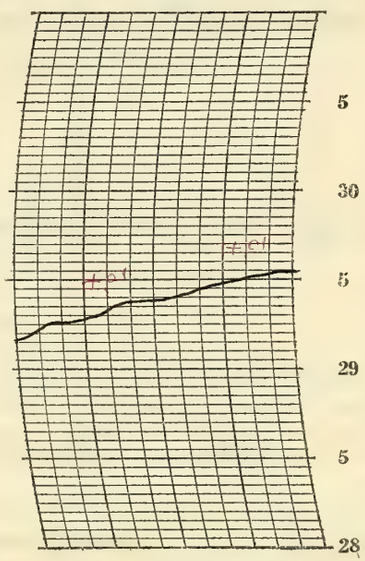


BAROGRAPH.



Prepared by O.W.P.

Verified by P. McDonough

8—486

ø Clock stopped; record interpolated

NOTES

Snowfall to 7:10 am Trace

The sky was cloudless all day. It became partly cloudy late at night. Moon light through the clouds at times.

The temperature was five degrees below zero in the morning and it was very cold all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 28 1925, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	1	1	1	1	2	3	4	6	6	8	9	12	14	13	13	12	10	9	8	8	7	6	5
State of weather: Nature of precipitation and time of beginning and ending					SDR DN	-	-	-	-	-	SQE 10:30													
Amounts of precipitation					-	-	-	-	-	-	-													
Cloudiness and other conditions									Cloudy							Pt Cldy						Clear		

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 3:30p Cloudy
Sunset: Time, 4:20 Character, Cloudy
Moonset: 5:39a Cloudy

Sunshine (in tenths of hours)								0	0	0	0	0.1	1.0	1.0	0.2	0	0							
Wind direction	W	W	W	SW	W	W	W	W	W	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	14	12	13	12	11	12	13	13	11	10	10	10	9	9	8	8	8	8	7	8	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

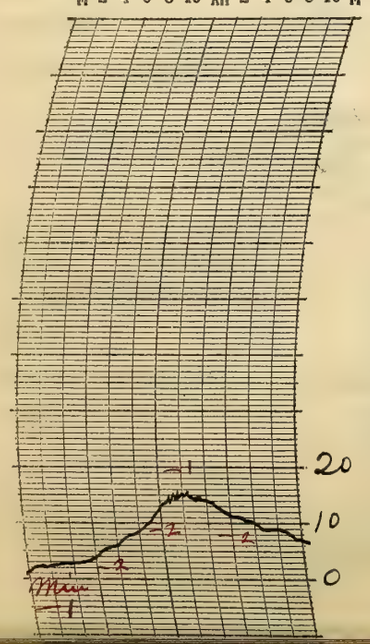
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	-1	6	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.3 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 25
Prevailing wind direction, W-SW Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 18
Maximum velocity, 16 Direction, W
Time began, 7:55 am
Reduced barometer, 30.61 7 a. m. 30.65 7 p. m.
River gage, 1.5 fall
Relative humidity, 94 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.2 Wet temperature, 8.4
Dew-point, 5 R. humidity, 82 V. pressure, .049
Clouds: Amount, 8; Kind, St Cu Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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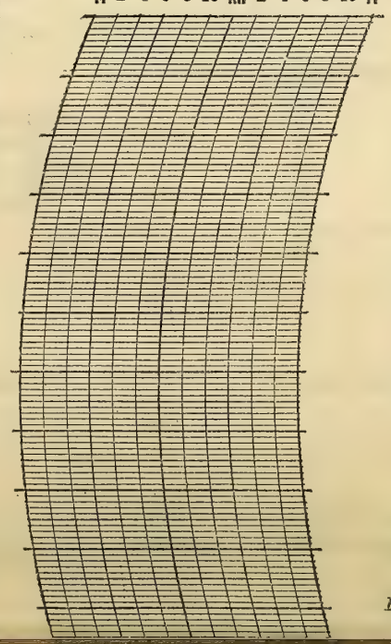

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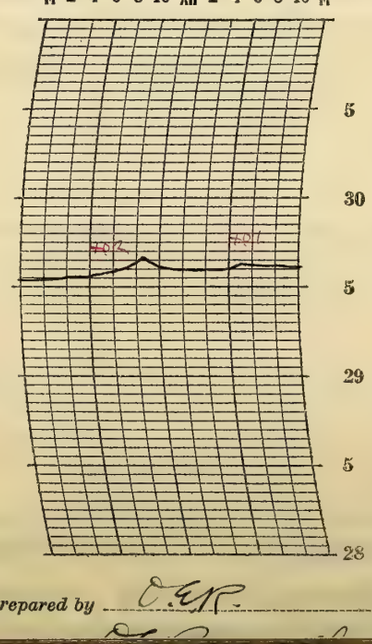


Prepared by E.E.R.

NOTES

Snowfall to 7:00 am Trace
Light snow fell during the morning. The clouds broke up during the afternoon and the sky became cloudless at night. Bright moonlight.

The weather was very cold all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 29 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	1	2	1	1	0	1	1	1	5	8	10	13	15	17	15	13	12	11	10	10	9	7	8
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)								9.0 0	1.0 0	0.2 0.3	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	3.6 0							
Wind direction	SW	SW	SW	SW	W	SW	SW	W	W	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	9	5	6	8	7	7	5	7	11	10	9	8	8	8	8	7	7	6	4	5	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Clear
Moonrise: 4:15p Clear
Sunset: Time, 4:21 Character, Clear
Moonset: 6:35a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

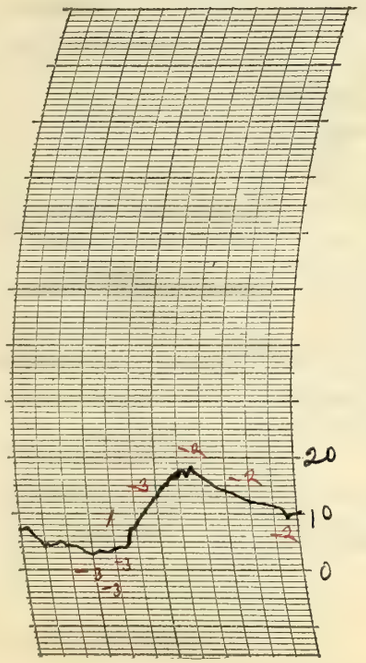
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	0	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, FULL – 8:01 p. m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 96
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 11:37 am.
Reduced barometer, 30.60 7 a. m. 30.58 7 p. m.
River gage, 1.3 feet
Relative humidity, 94 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 10.5 Wet temperature, 10.0
Dew-point, 8 R. humidity, 89 V. pressure, .057
Clouds: Amount, 1; Kind, cirst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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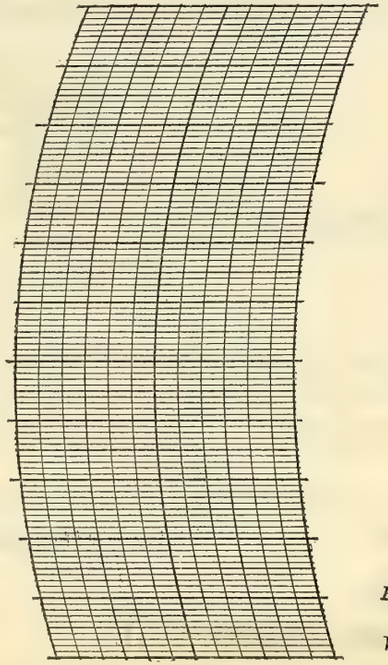
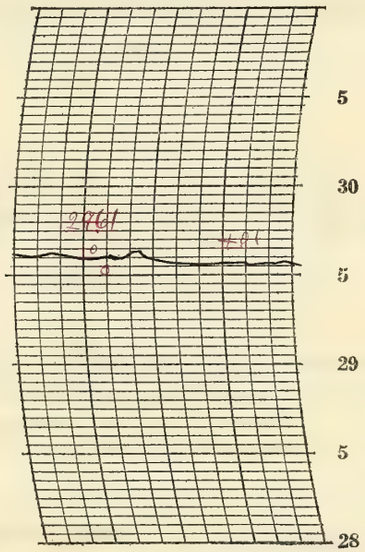


BAROGRAPH.



Prepared by O.E.R.

Verified by O. E. Russell

8—486

NOTES

Moonlight in the early morning
Only a small amount of clouds appeared during the day. Clear at night with bright moonlight.
It was quite cold in the early morning but warmed up some during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 30 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	9	10	9	10	10	10	12	13	16	18	21	23	23	24	25	23	21	22	19	18	16	16	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt cldy	×	Cloudy	×	Pt cldy	Clear	×	Pt cldy			×	Clear	→					
Sunshine (in tenths of hours)								0	0	0	0	0.6	1.0	0.6	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	W	NW	NW	W	SW	SW	SW	SW	SW
Wind movement	7	6	5	8	6	6	4	6	5	6	8	7	7	9	9	8	7	6	4	5	5	8	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 5:04p Cloudy

Sunset: Time, 4:32 Character, Cloudy
Moonset: 7:26a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

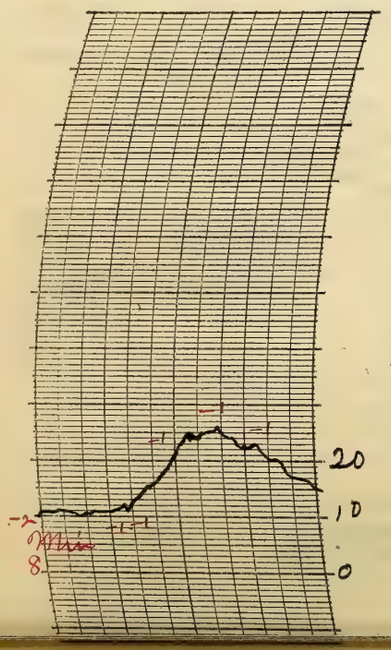
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	8	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 2.2 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 24
Prevailing wind direction, SW Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 3:47 P.m.
Reduced barometer, 30.49 7 a. m. 30.47 7 p. m.
River gage, 1.5
Relative humidity, 85 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 17.3
Dew-point, 6 R. humidity, 48 V. pressure, .052
Clouds: Amount, 6; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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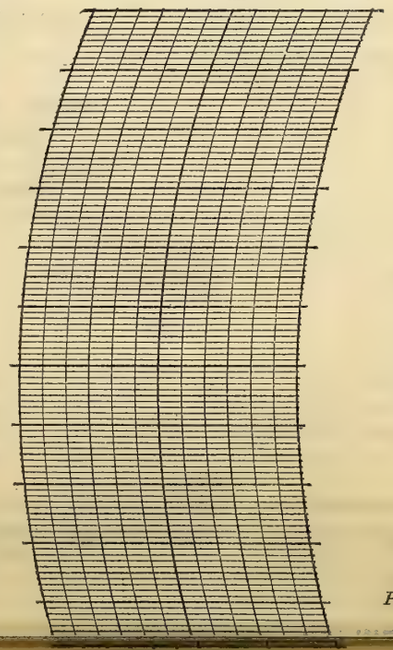
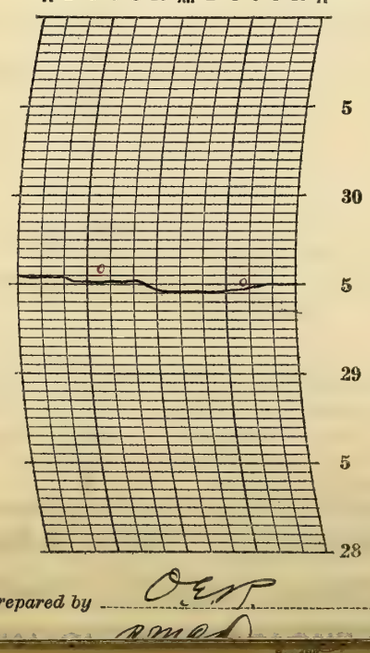


BAROGRAPH.



Prepared by O.E.T.

NOTES

Moonlight in early morning. Upper clouds prevailed until about 3:00 p.m. and then lower clouds until after the 7:00 p.m. observation. Clear into the night with bright moonlight.

The temperature was somewhat higher than at anytime since Dec. 25, but it was still below the seasonal average. It was pleasant for a winter day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 31 1925, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	13	13	13	13	12	12	13	17	23	27	31	33	35	36	34	31	29	29	27	26	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)								9.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.37 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	6	6	10	12	12	14	12	12	11	12	13	12	12	10	12	14	13	13	14	14	15	14

Sunrise: Time, 7:06 Character, Clear
Moonrise: 5:58p Clear
Sunset: Time, 4:22 Character, Clear
Moonset: 8:13a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

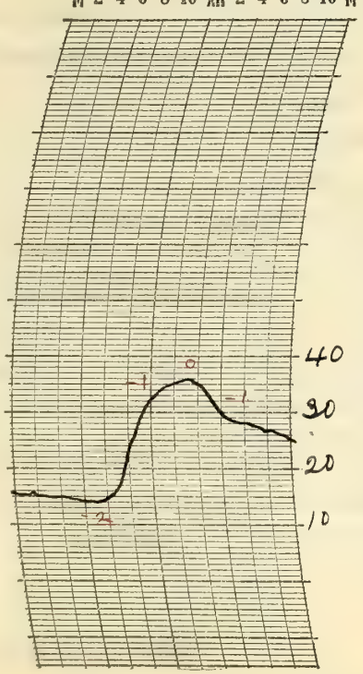
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	12	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 279
Average hourly velocity, 11.6 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began,
Reduced barometer, 30.50 7 a. m. 30.38 7 p. m.
River gage, 1.6 feet
Relative humidity, 100 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 26.2
Dew-point, 16 R. humidity, 49 V. pressure, .085
Clouds: Amount, 2; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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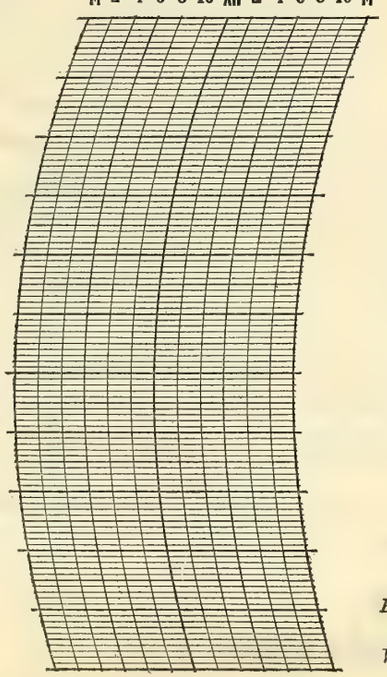

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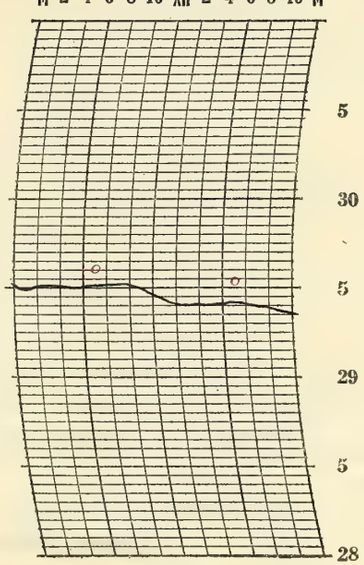


Prepared by O.E.R.

Verified by P. McDonough

8—486

NOTES

Moonlight in early morning. The deposit of frost was unusually heavy this morning.

Snow on ground at 7:00 am 1.5 in.

The sky was cloudless except for a small amount of clouds at noon. Clear at night with bright moonlight.

The temperature rose very rapidly from 12° in the early morning to 36° in the afternoon. The weather was quite pleasant for the season.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____																				Sunset: Time, ____ Character, ____ Moonset: ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

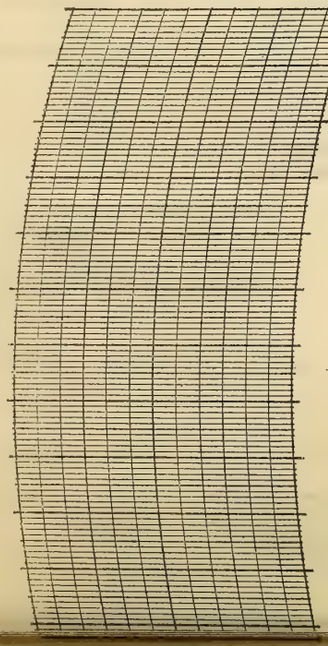
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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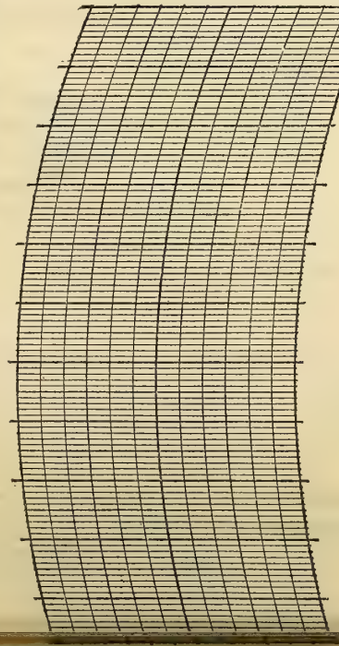
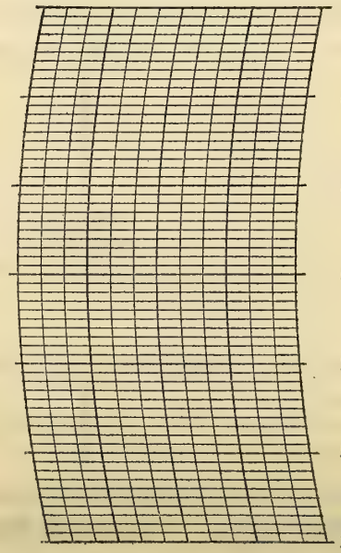


BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

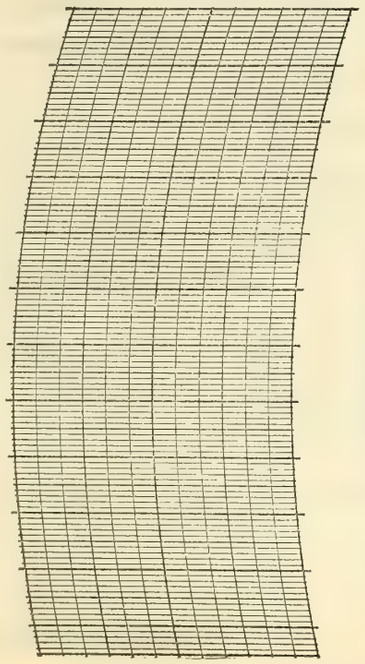
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

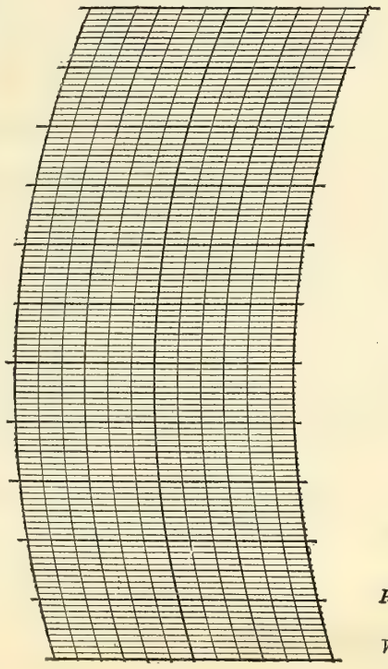
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

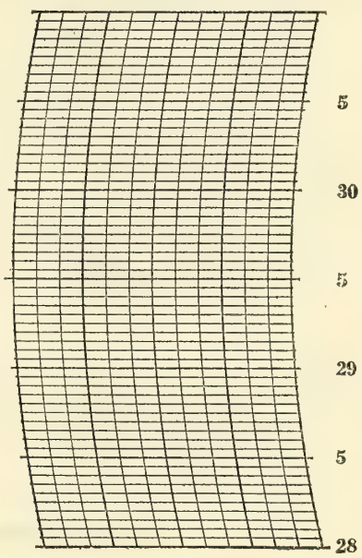
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

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NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

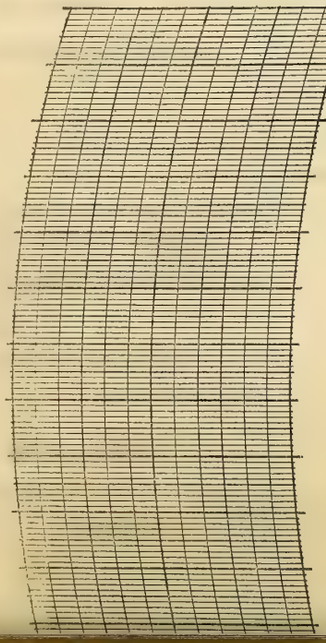
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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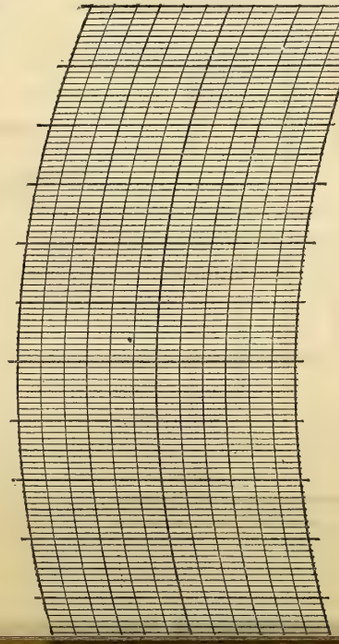
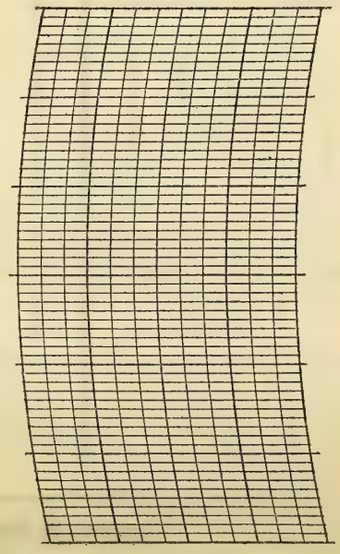


BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

NOTES

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ____ ____ Moonrise: ____ ____																				Sunset: Time, Character, ____ ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

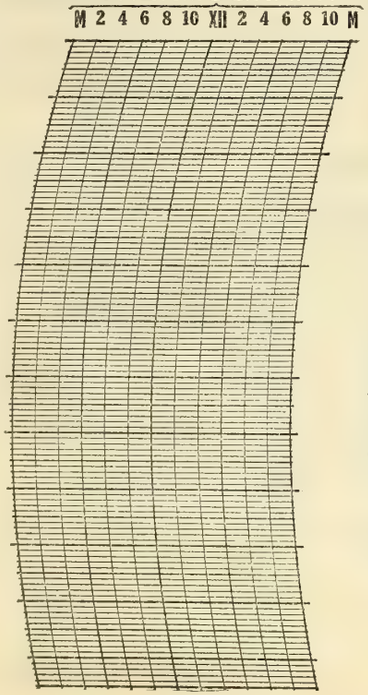
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

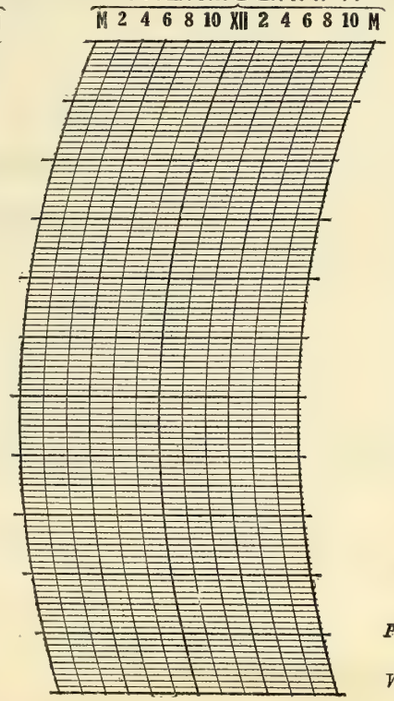
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

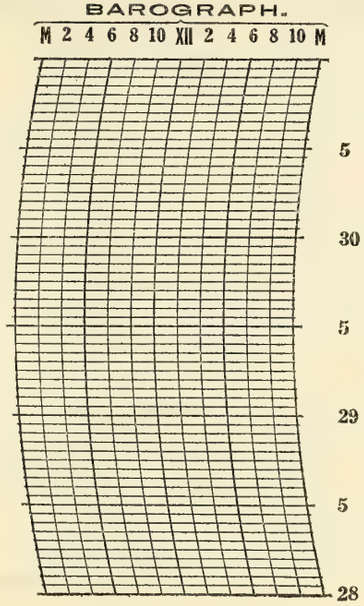
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

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NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

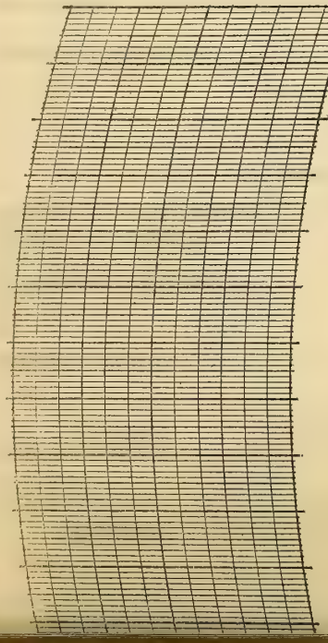
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

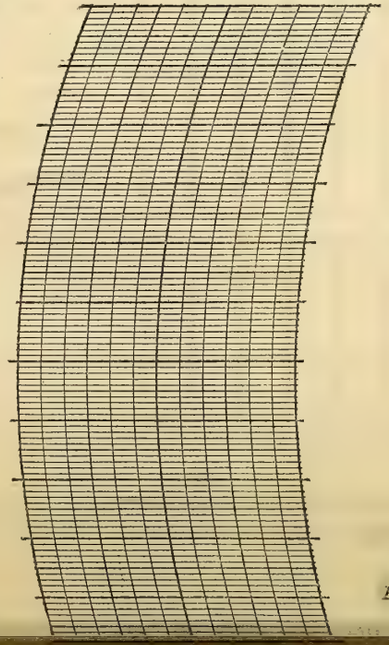
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



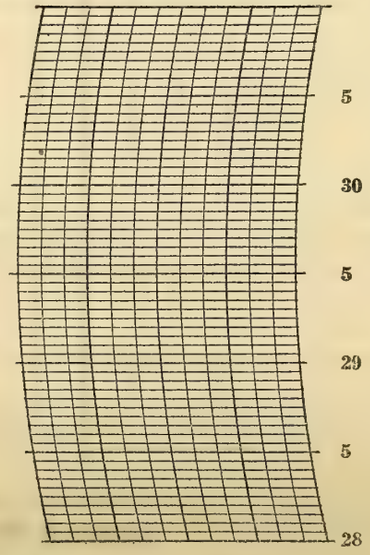
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

NOTES

Form No. 1012—Sheet 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard) ..... mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ... Moonrise:																				Sunset: Time, Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0-10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind, ...

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ..... p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ... Wet temperature, ...

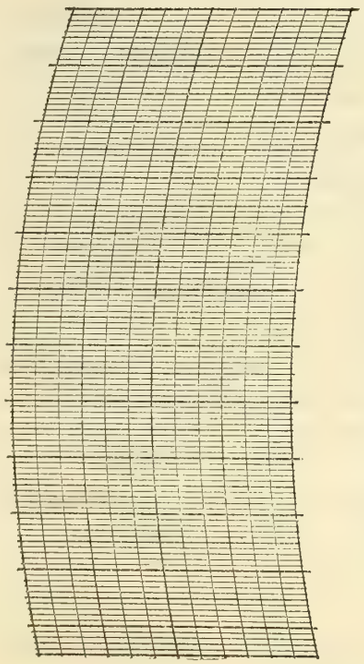
Dew-point, ... R. humidity, ... V. pressure, ...

Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

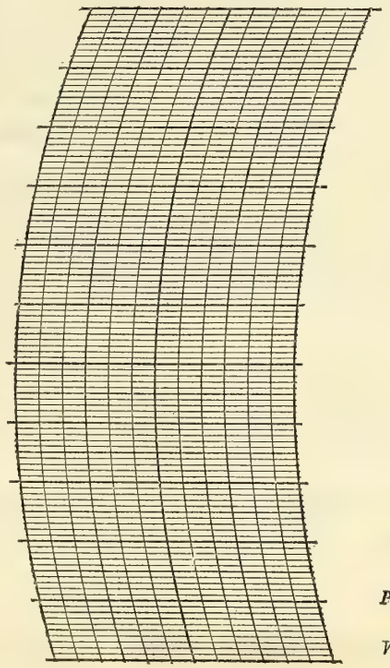
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



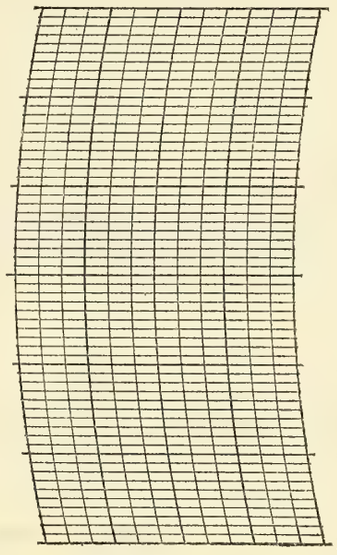
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by .....

Verified by .....

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NOTES

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Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

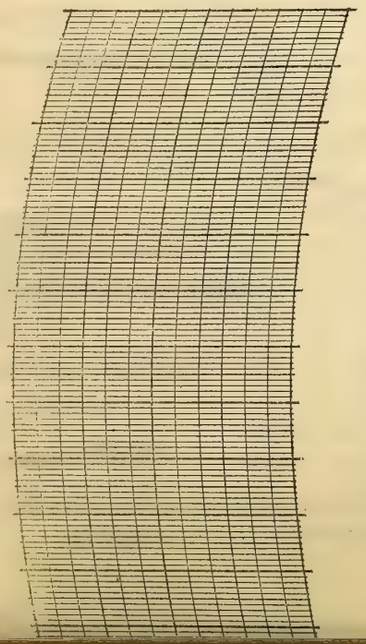
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

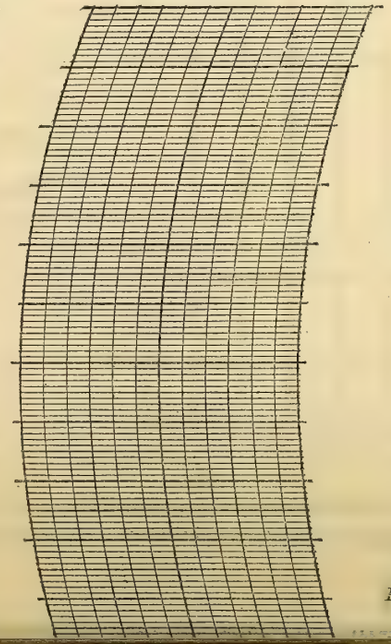
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

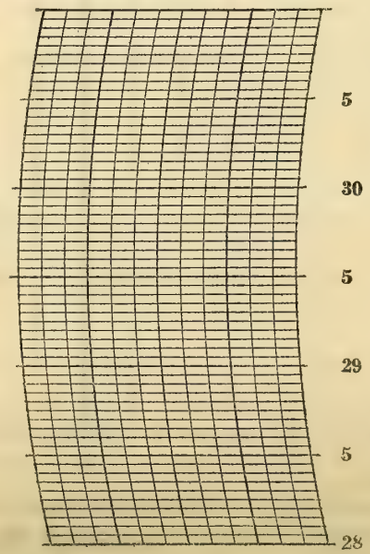
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

NOTES

INDEX, DAILY LOCAL RECORD, 1925

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras									21			
Clouds, special formation												
Cold waves	26-27		2									25, 26
Dew, heavy deposits of				26				2, 3, 4, 14, 15	8, 24, 25, 28	15, 16		
Droughts								21-31	1-5			
Earthquakes				26								
Fires, forest												
Fog, dense	6, 10	22, 24	8, 25						7, 17	15	3	3
Floods, other than in rivers												
Frosts, light				16	2, 7, 12, 18, 26, 27					7, 8		
Heavy				7	25					0		
Killing				1, 5, 6						10		
First killing after July 15										10		
Last killing before July 15				6								
Last heavy before July 15					25							
First heavy after July 15 Ø												
Hail. *See* Precipitation												
Ice		1										
Lightning, damage by						6	12		6			
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special			1, 13	29		1, 24			11, 15, 30	4, 16, 24	4, 7, 12, 14, 18, 26, 27, 30	11
Optical phenomena, haze			6, 7, 23, 26		22	9		7, 23, 26	26			
Coronæ		3, 7	9		6	5					24	24
Halo, lunar				3, 8	2, 6	2, 3, 30				1, 2	24	
Solar	11, 15, 19, 22, 24, 28, 29.	3, 8, 16, 18, 19, 20, 28	15	3, 4, 8, 11, 27, 28	2, 8, 9, 11, 13, 15, 18, 23, 27, 28	2, 3, 4, 5, 17, 23, 30	9, 12, 14, 18	11	10, 11, 21, 24, 26	3, 5, 8, 21, 23, 27, 29	4, 11, 14, 18, 24	19
Parhelia		3, 18, 28	15	3	2, 13					22		
Parselenæ												
Rainbows						13	12, 21					
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, heavy			13+14, 18				12, 25		26+27		7, 12	
Excessive			13				12, 25		26			
Sleet					5							

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Ø None before first killing

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INDEX, DAILY LOCAL RECORD, 1925

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.												
Snow, light	3, 5, 7, 12, 13, 15, 16, 20, 22, 26.	2, 3, 11, 17, 26, 27, 28.	2, 11, 13, 14, 29		24					30. 9, 19, 26, 28, 29,	8, 15, 16, 22, 23 27, 28, 29	5, 6, 8, 15, 17, 18, 20, 21, 22, 23, 25, 26, 28,
Heavy	1		1									
Hail							31					
Wet periods												
Rivers, rapid rise			14								8, 13	
Flood stages			14-17, 19-20									
Low-water stages, unusual					30	20, 26					7	
High water, periods of			14 - 20									
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light		5, 20	26	3	27			17, 29	4	1, 14	1, 2	24
Dense												
Temperature, unusually high		8	10, 24, 26	23, 24, 26	22	1, 3, 4, 5, 6, 12, 15	2, 3, 6, 8, 11, 12	17, 19, 25, 29, 30	3, 4, 5, 6, 9, 11, 19			
Unusually low	28		2, 3		25					29		26, 27, 28, 29
Sudden rise	9, 24		24	6, 7, 11, 12, 13 19	16, 22,	12	1	23, 25, 28, 29	4, 5, 17			3, 11, 31.
Sudden fall	26	16, 25	10, 24	12	3, 16, 23-24	6, 15	3, 11, 12, 21	26 & 27	6, 11, 18			5, 12, 25
Periods of high				22 - 26		1 - 9		29-31	1-11			
Periods of low	26 - 28	26-28	1-5		5 - 7, 24-25							25 - 31
Thunderstorms			9, 10, 18, 24	13, 18, 21	3, 16, 21	6, 13, 15, 17	3, 4, 6, 7, 9, 10, 11 12, 16, 20, 25, 31	2, 3, 4, 8, 9, 18	6, 8, 11, 12, 18 26, 27.	2, 4		
Tornadoes												
Warnings, advisory												
Cold wave	26, 31		1, 13									
Emergency												
Frost				30	1, 5 6, 7, 13, 17, 24, 25, 26,					7, 9, 10		
Hurricane												
Rapid rise in river												
Flood			13, 18									
Winds, 25 to 39 miles per hour	1, 11, 22, 31	9, 11, 23, 25, 26	1, 3, 10, 18, 19, 21, 24, 26, 27, 28	11, 13, 19, 24	3, 6, 16, 22, 23, 24	2, 3, 6, 12, 13, 15, 27	16		6, 11, 20	4, 18, 19, 25	5, 7, 13, 16, 18, 22	5, 8, 11, 12, 23, 24, 26
40 miles per hour, or over			10				12					
Hurricanes												
Circumzenithal arc		3			13							
Parhelic circle		28										
46° Solar halo		3			13							
Damaging Winds				13	16		12					

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